

 dppumps-usa.com

Represented exclusively
in North America by:

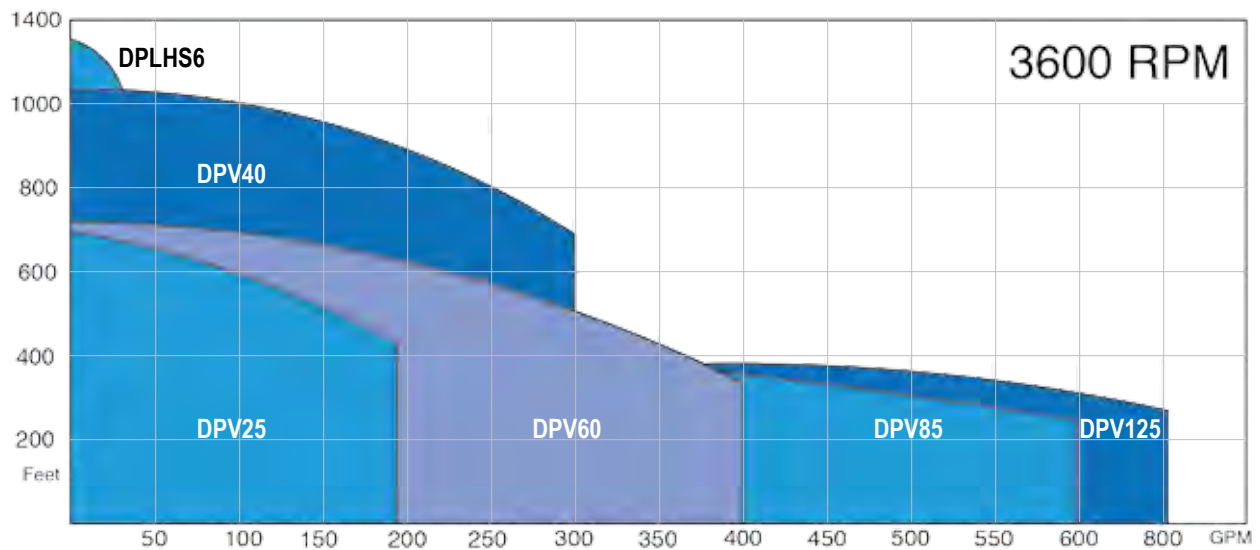
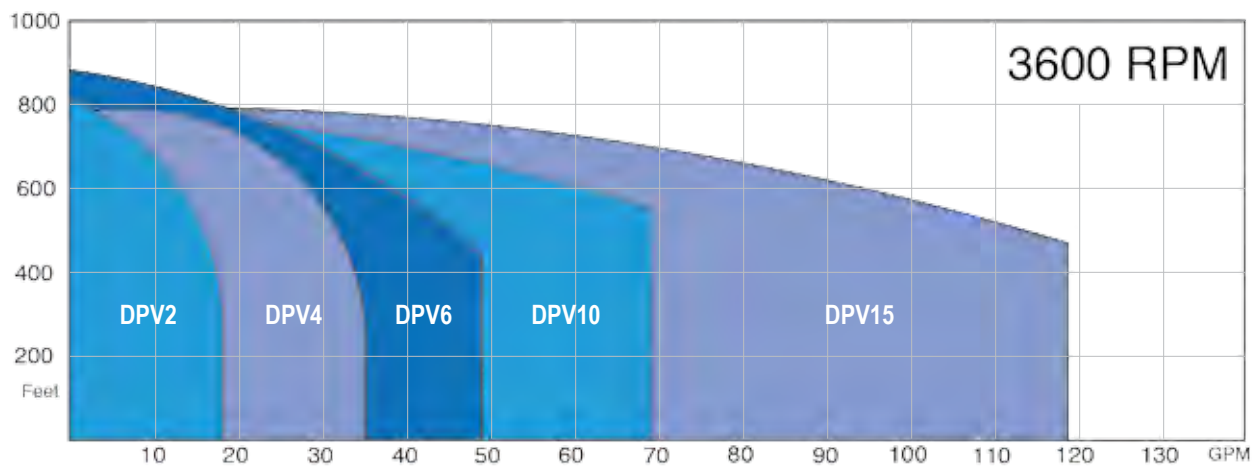


NSF/ANSI 61-G & 372

Excellence in Multistage Vertical Pumps

Flows to 850 GPM, Heads to 1350 ft.
Temp to 285° F, Working Pressures to 600 PSI

The art of transporting water relies on finding the most efficient solution that matches your specific situation. The DPV series of vertical multistage centrifugal pumps was created as a result of 55 years of experience, and offers a broad solid base for many applications.



DP Pumps offers the DP Select Software which provides information on all DP vertical multi-stage pumps, specific hydraulic selections, and comparative selections with other major manufactureres.

DP offers CAD drawings, variable speed options, material options, and a variety of other features with the DP Select software.

"Check out pages 24-25 for more details on how the DP Select software operates and how you can download it for your use!!"
DP3PO



Standard electric motors

- Extensive choice of voltages and frequencies
- ODP, TEFC, EXP enclosures available
- Insulation class F
- NEMA C Face, standard thrust
- Inverter rated

Shaft seal

- Choice of elastomers and shaft seals
 - SiC/C/EPDM is standard with choice of TC faces and Viton, Buna and hi-temp elastomer options
- Our standard easy access and cartridge designs offer easy replacement without total disassembly



Versatile pump casing

- High strength casting
- Connection options
 - ANSI 150# and 250# round slip flanges on DPVF and DPVSF
 - Oval flanges with FNPT connections on DPV and DPVS
 - ANSI 250# rigid flanges on DPVCF
- Dual suction/discharge casing drain ports



Smart plugs

- For filling, draining, de-aerating and measuring
- Separate measuring suction and discharge pressure (Δp)
- Stainless steel AISI 304 or 316
- By-pass possible
- Quick vent plug available

Hydraulic assembly

- Highest efficiency in the market
- High quality stainless steel AISI 304 or 316

Solid construction shroud

- Stainless steel, robust housing
- Standard pressure durability 600#
- Low vibration and noise

Cast iron base plate

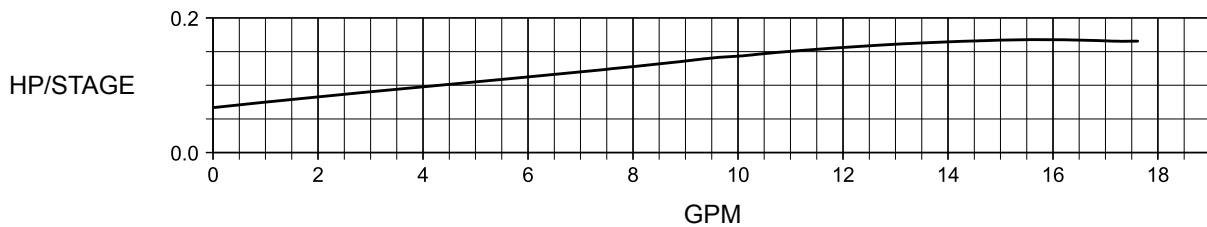
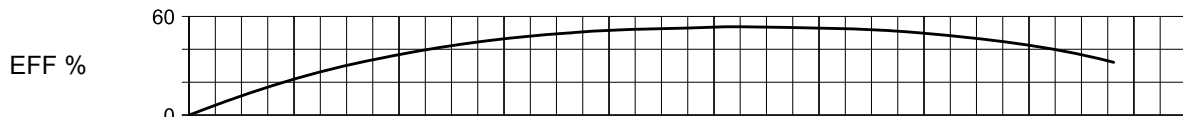
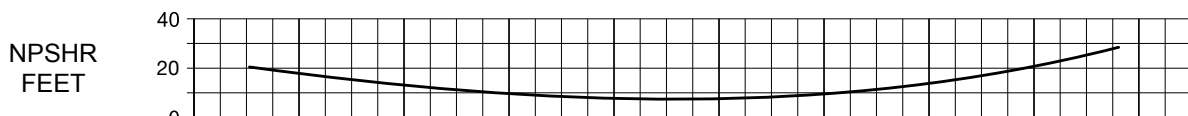
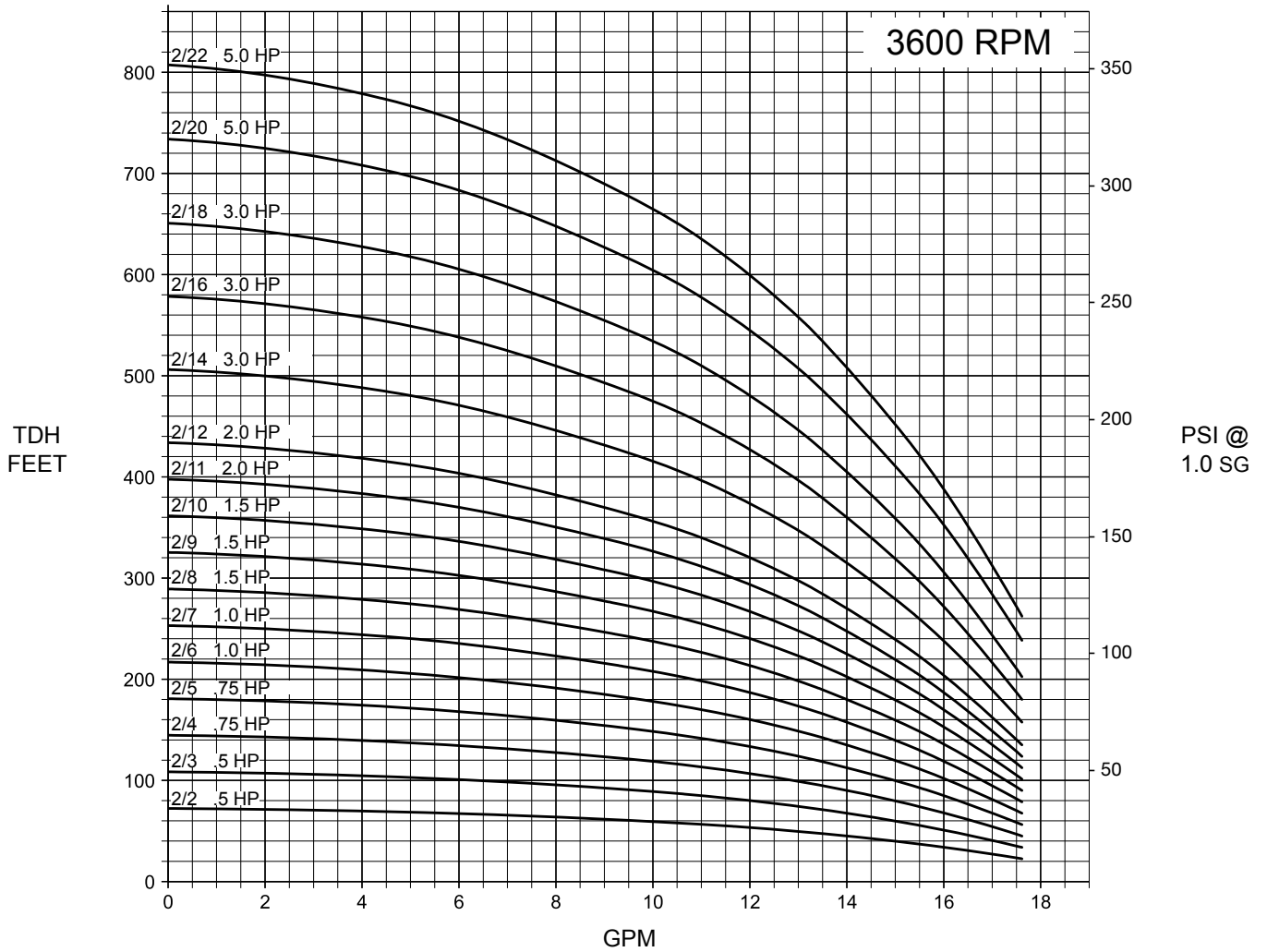
- Powder coated 100 μm
- Stainless steel optional

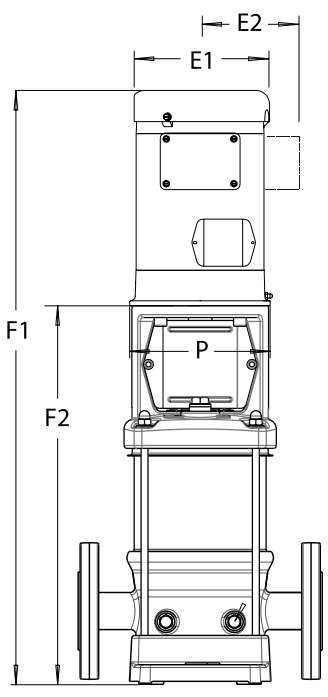
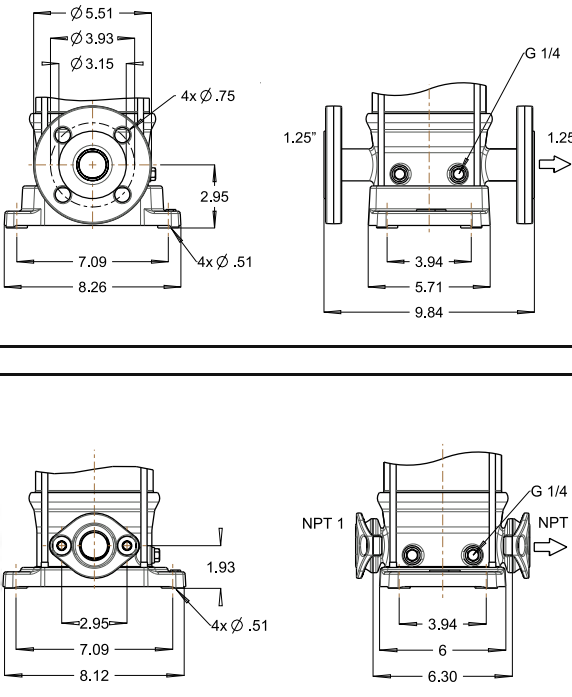
NSF Certified

- NSF/ANSI 61 G and 372
- 304 SS EPDM Elastomers

Example: DPVF85/3-1 B

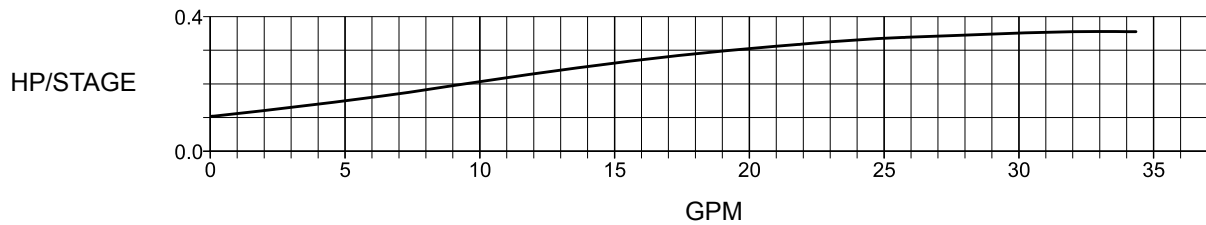
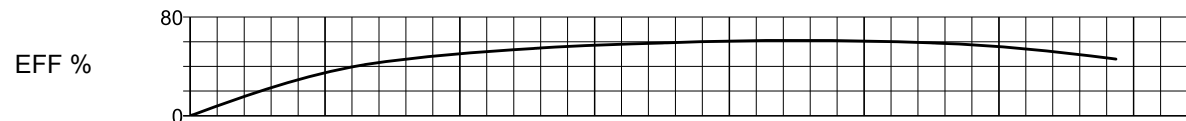
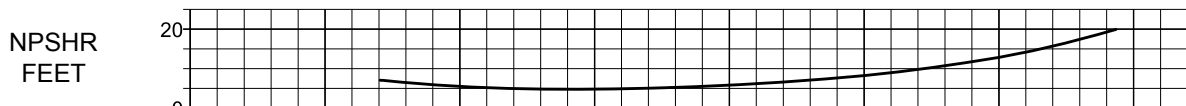
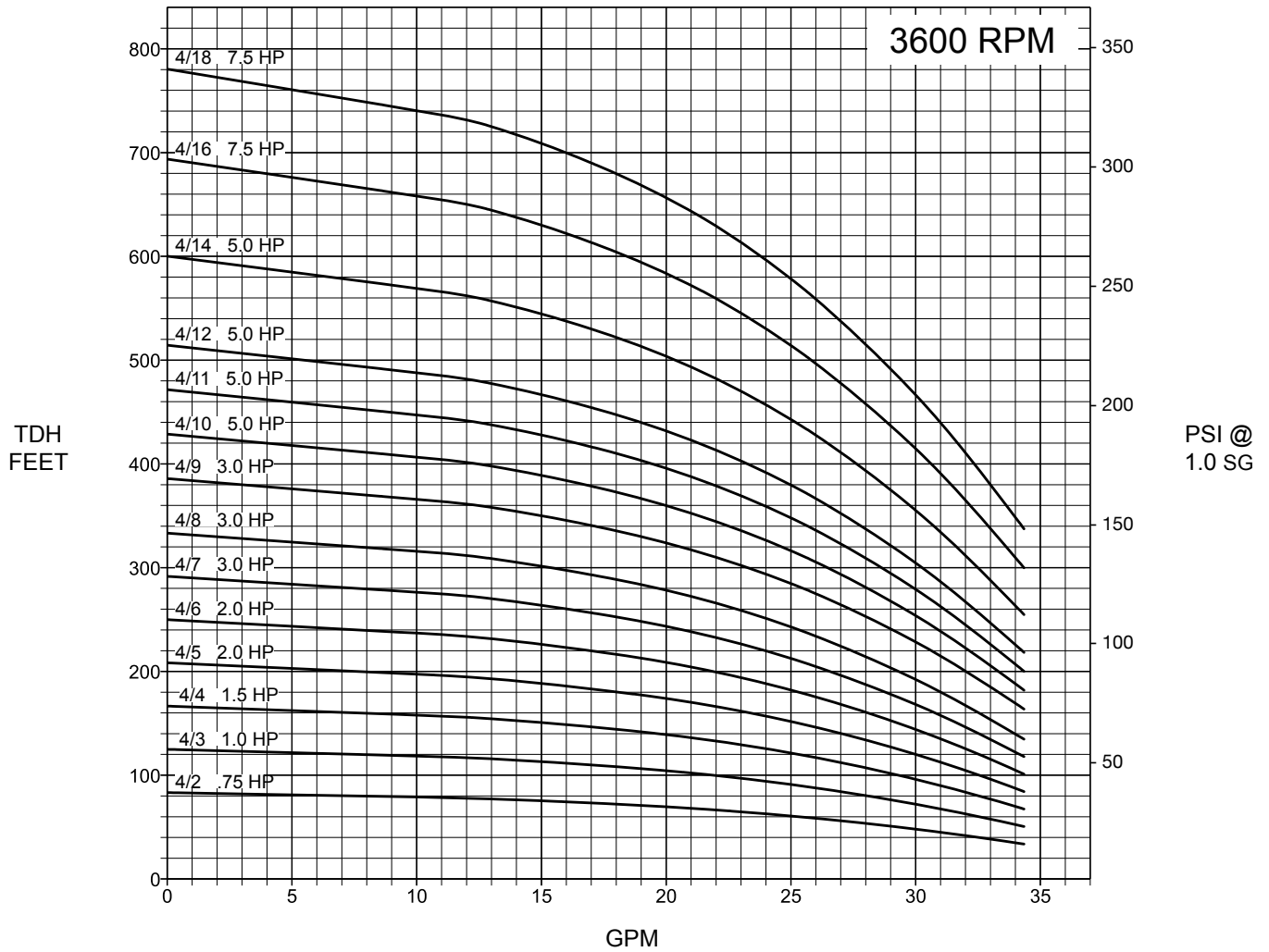
	DP	VS	F	85	/3	-1	B	
Label	DP							Product Label
Material/ Construction		VC						Cast Iron pump foot and top bracket wetted parts
		V						All wetted parts Stainless Steel 1.4301 / AISI 304
		VS						All wetted parts Stainless Steel 1.4401 / AISI 316
Connections								Oval flange with female thread
			F					Round flange
			V					Victaulic connections
				85				Size
					/3			Number of stages
				/3	-1			Number of stages with reduced impeller diameter
							B	Design version

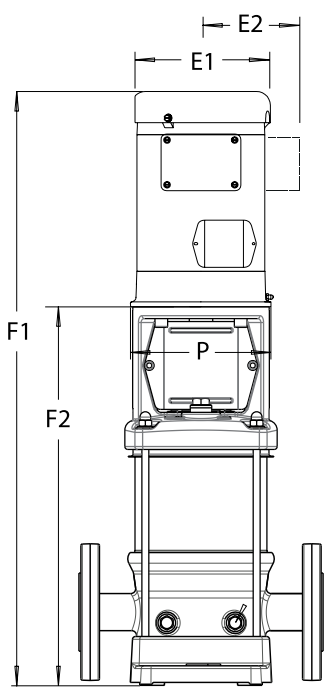
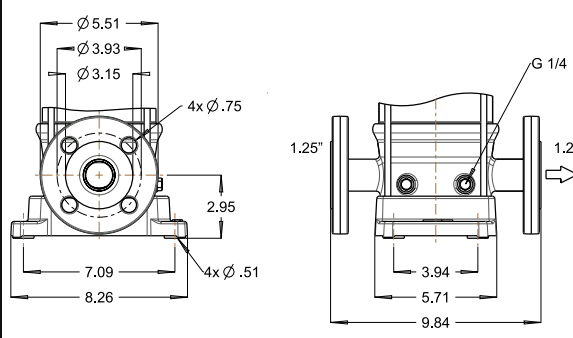
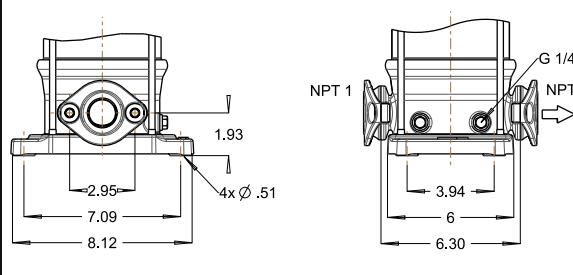


Dimensions	Connections	Specifications
		<p>Standard DPV(C/S)F</p> <p>Norm: ASME B16.1 Size: 1.25" Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304</p> <p>Option DPV(S) Non NSF Only</p> <p>Counter flange with female thread in cast stainless steel Norm: ASME B16.5 Size: NPT 1" Pressure Class: Class 150 Option: base plate in cast AISI 304</p>

Dimensions and Weights												
Both Configurations				ANSI Flanges					Ovals			
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight	F1	F2	Pump Weight	Pump & Motor Weight
2/2	0.5	56C	6.625	5.000	21.29	12.00	31	50	20.31	11.02	15	34
2/3	0.5	56C	6.625	5.000	22.12	12.83	32	51	21.14	11.85	16	35
2/4	0.75	56C	6.625	5.000	22.99	13.70	33	54	22.01	12.72	17	38
2/5	0.75	56C	6.625	5.000	23.82	14.53	34	55	22.84	13.55	18	39
2/6	1	56C	6.625	5.000	24.68	15.39	35	59	23.70	14.41	20	44
2/7	1	56C	6.625	5.000	25.51	16.22	36	60	24.53	15.24	20	44
2/8	1.5	143TC	6.625	5.250	27.25	17.09	37	75	26.27	16.11	21	59
2/9	1.5	143TC	6.625	5.250	28.07	17.91	38	76	27.09	16.93	22	60
2/10	1.5	143TC	6.625	5.250	28.94	18.78	39	77	27.96	17.80	23	61
2/11	2	143TC	6.625	5.250	29.77	19.61	41	82	28.79	18.63	24	65
2/12	2	143TC	6.625	5.250	30.63	20.47	42	83	29.65	19.49	25	66
2/14	3	182TC	7.875	5.875	35.46	23.03	43	93	34.48	22.05	27	77
2/16	3	182TC	7.875	5.875	37.15	24.72	45	95	36.17	23.74	29	79
2/18	3	182TC	7.875	5.875	38.85	26.42	47	97	37.87	25.44	31	81
2/20	5	184TC	7.875	5.875	40.54	28.11	52	126	39.56	27.13	36	110
2/22	5	184TC	7.875	5.875	42.23	29.80	54	128	41.25	28.82	38	112

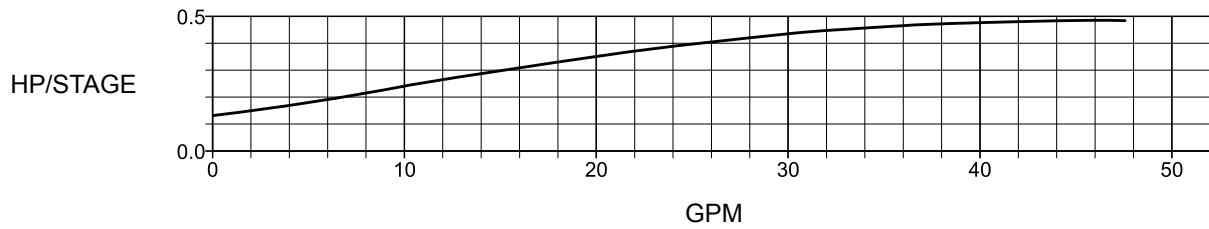
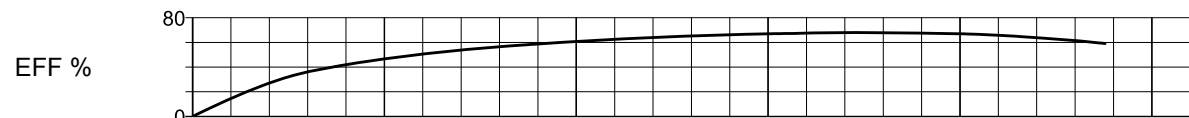
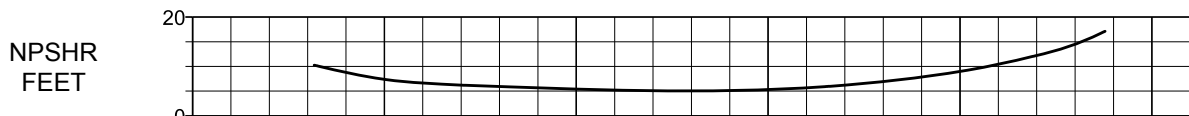
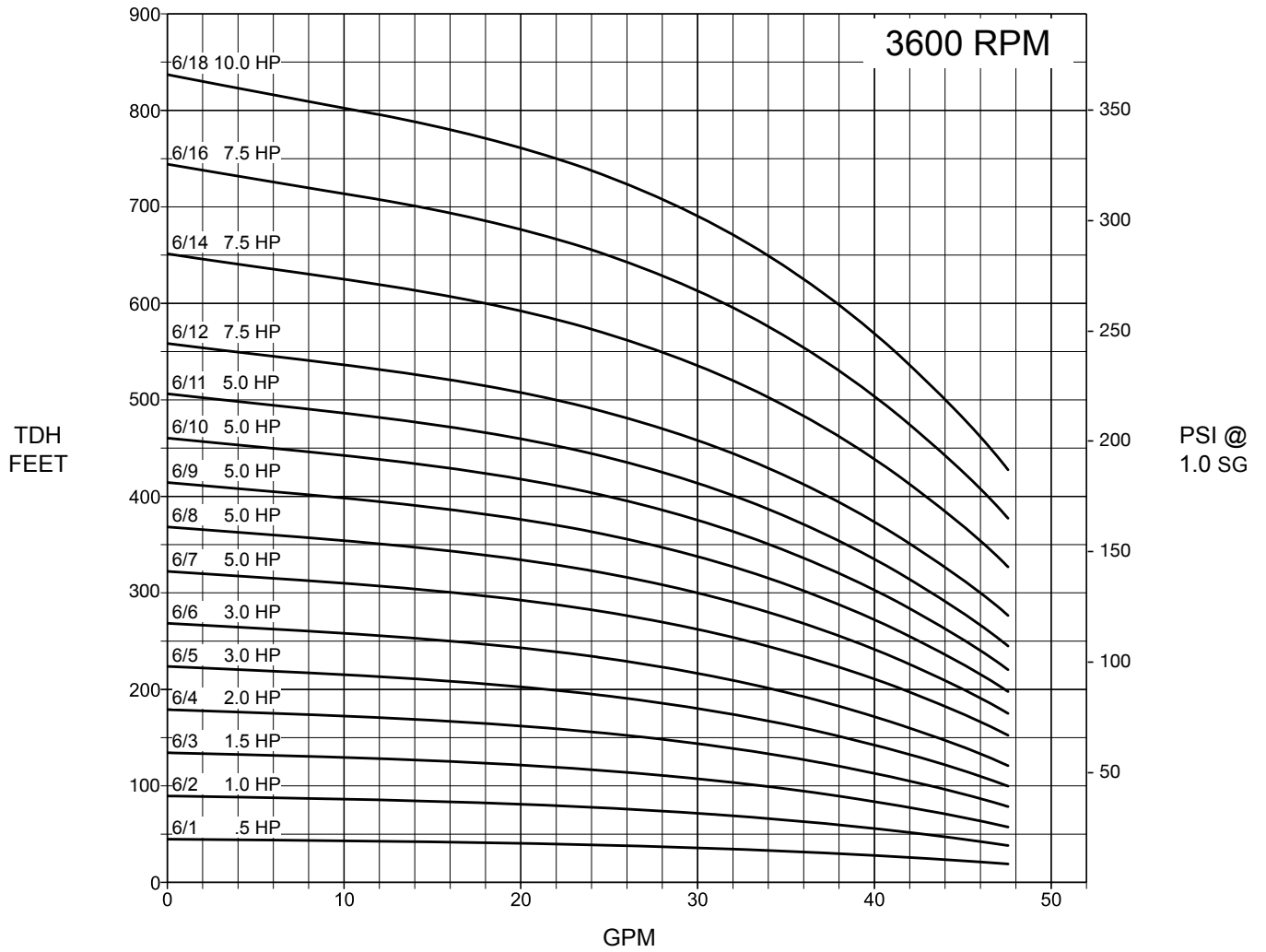
3600 RPM

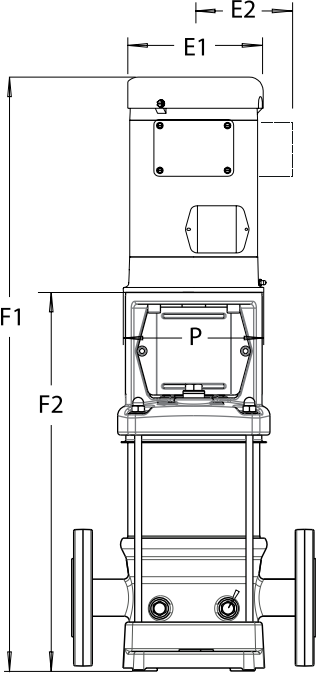
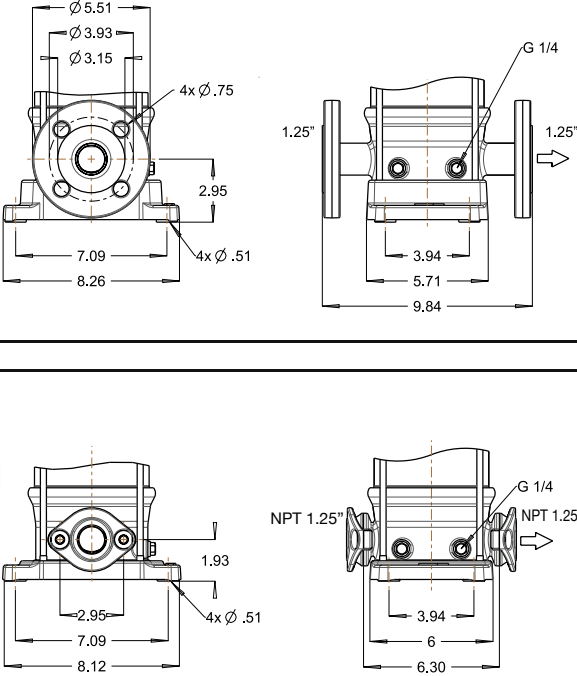


Dimensions	Connections	Specifications
		<p>Standard DPV(C/S)F Norm: ASME B16.1 Size: 1.25" Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304</p>
		<p>Option DPV(S) Non NSF Only Counter flange with female thread in cast stainless steel Norm: ASME B16.5 Size: NPT 1" Pressure Class: Class 150 Option: base plate in cast AISI 304</p>

Dimensions and Weights												
Both Configurations				ANSI Flanges					Ovals			
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight	F1	F2	Pump Weight	Pump & Motor Weight
4/2	0.75	56C	6.625	5.000	21.29	12.00	31	52	20.32	11.03	15	36
4/3	1	56C	6.625	5.000	22.12	12.83	33	57	21.14	11.85	17	41
4/4	1.5	143TC	6.625	5.250	23.86	13.70	33	71	22.88	12.72	17	55
4/5	2	143TC	6.625	5.250	24.69	14.53	34	75	23.71	13.55	18	59
4/6	2	143TC	6.625	5.250	25.55	15.39	35	76	24.57	14.41	19	60
4/7	3	182TC	7.875	5.875	29.52	17.09	36	99	28.54	16.11	20	83
4/8	3	182TC	7.875	5.875	30.38	17.95	37	100	29.41	16.98	21	84
4/9	3	182TC	7.875	5.875	31.21	18.78	42	105	30.23	17.80	26	89
4/10	5	184TC	7.875	5.875	33.45	19.65	43	113	32.47	18.67	27	97
4/11	5	184TC	7.875	5.875	34.27	20.47	44	114	33.29	19.49	28	98
4/12	5	184TC	7.875	5.875	35.14	21.34	45	115	34.16	20.36	29	99
4/14	5	184TC	7.875	5.875	36.83	23.03	46	116	35.85	22.05	30	100
4/16	7.5	213TC	9.562	7.375	40.15	24.72	79	173	39.17	23.74	63	157
4/18	7.5	213TC	9.562	7.375	41.85	26.42	81	175	40.87	25.44	65	159

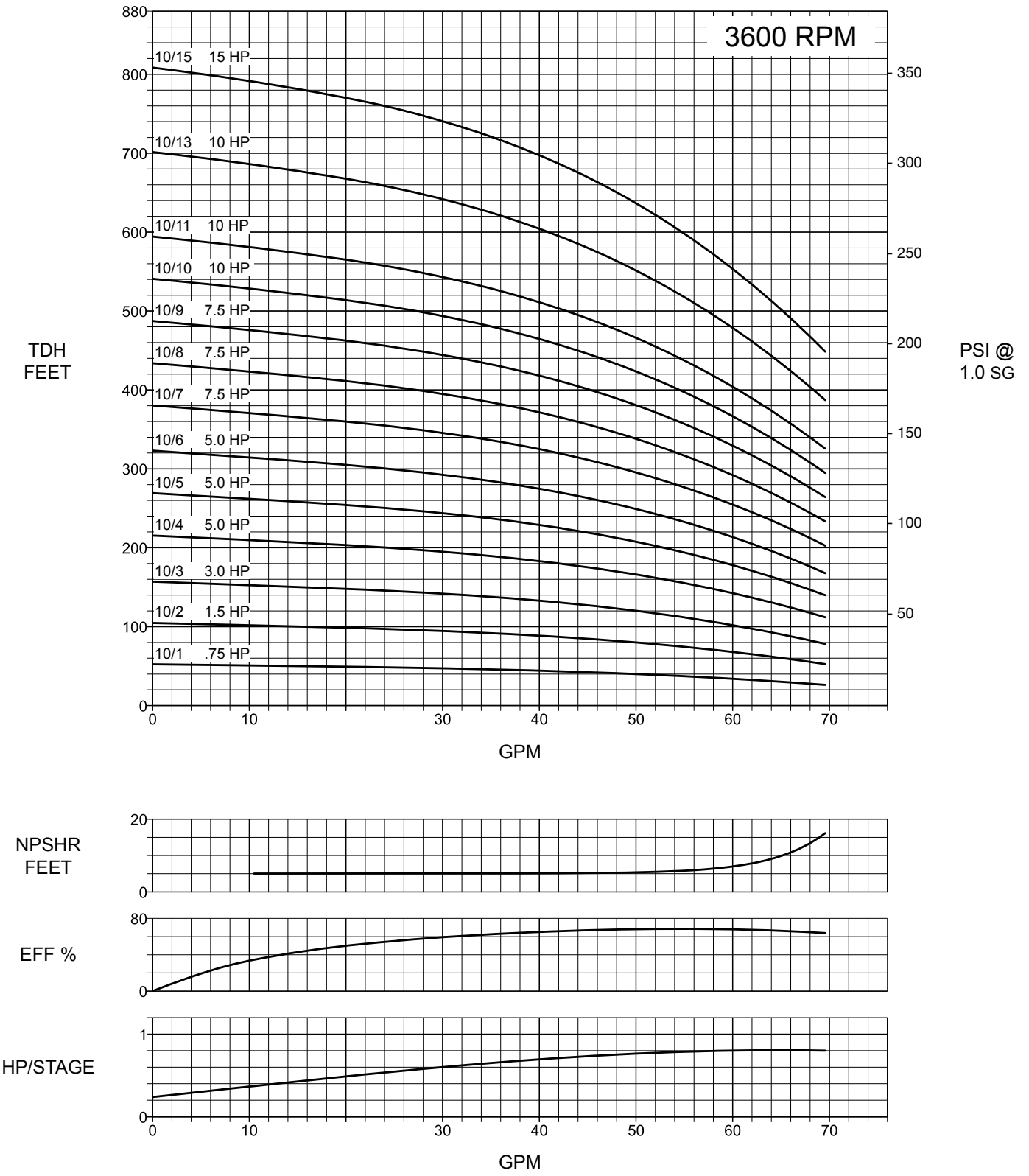
3600 RPM

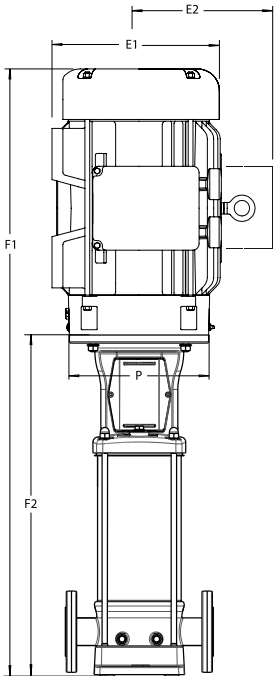
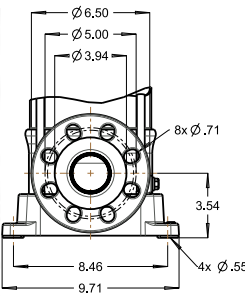
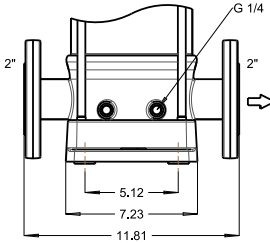
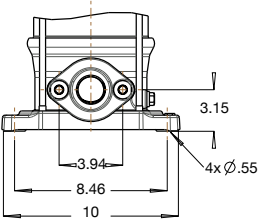
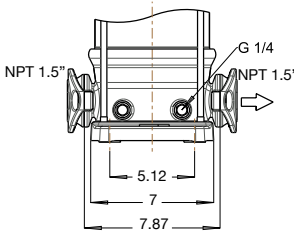


Dimensions	Connections	Specifications
		<p>Standard DPV(C/S)F</p> <p>Norm: ASME B16.1 Size: 1.25" Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304</p> <p>Option DPV(S) Non NSF Only</p> <p>Counter flange with female thread in cast stainless steel Norm: ASME B16.5 Size: NPT 1.25" Pressure Class: Class 150 Option: base plate in cast AISI 304</p>

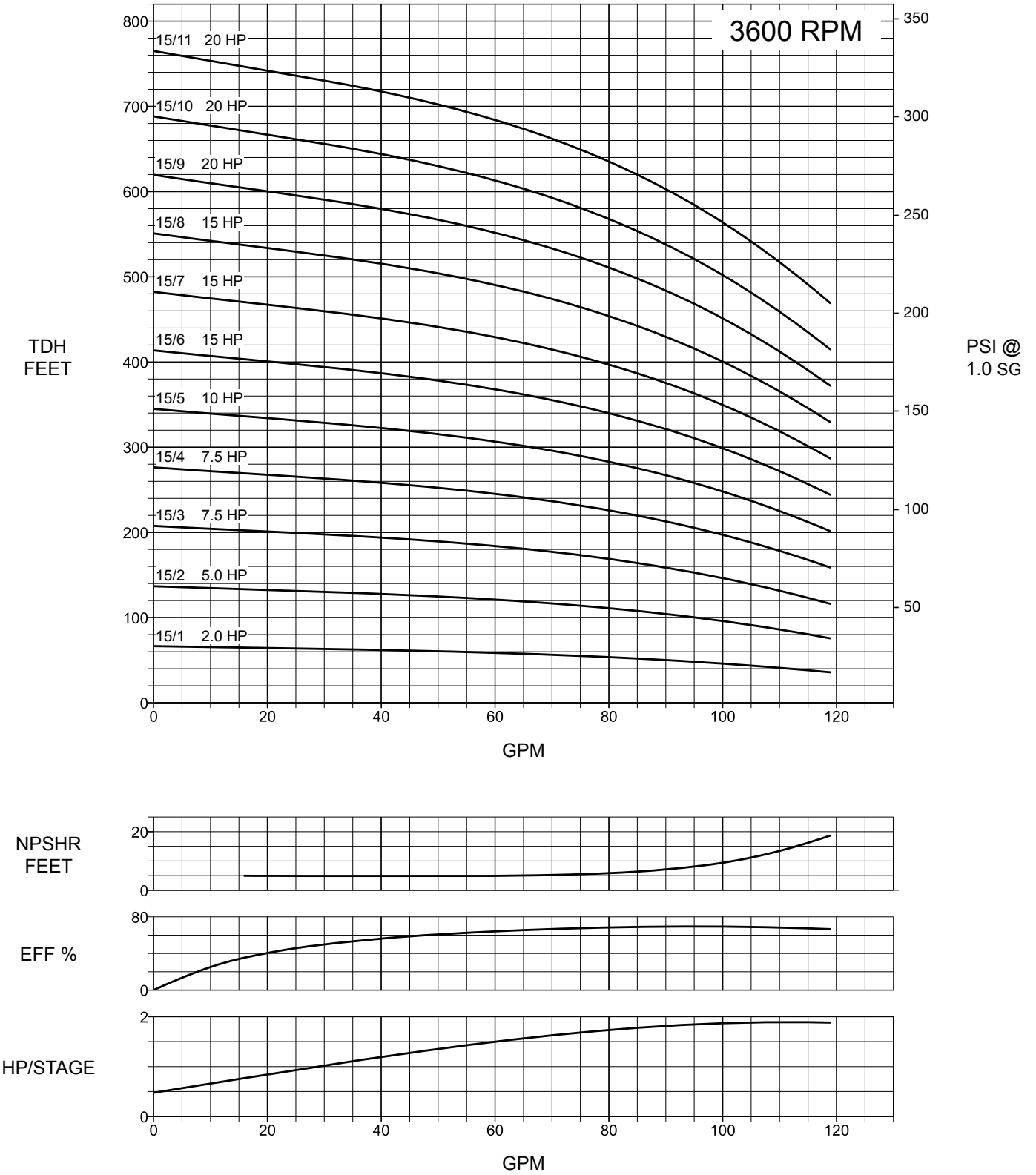
Dimensions and Weights

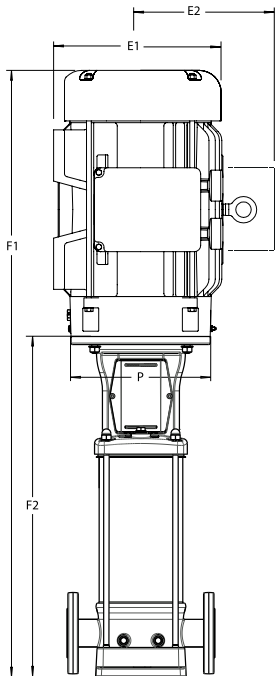
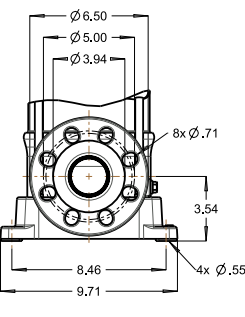
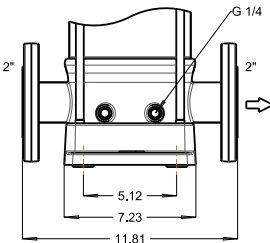
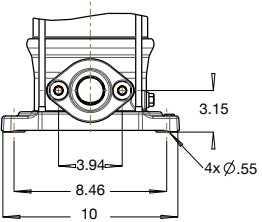
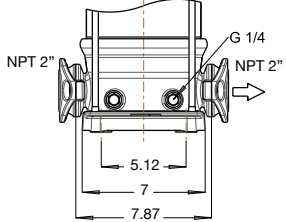
Both Configurations					ANSI Flanges				Ovals			
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight	F1	F2	Pump Weight	Pump & Motor Weight
6/1	0.5	56C	6.625	5.000	20.59	11.30	32	51	21.57	12.28	16	35
6/2	1	56C	6.625	5.000	20.59	11.30	33	57	21.57	12.28	17	41
6/3	1.5	143TC	6.625	5.250	33.45	23.29	34	72	23.43	13.27	18	56
6/4	2	143TC	6.625	5.250	23.43	13.27	35	76	24.41	14.25	19	60
6/5	3	182TC	7.875	5.875	27.55	15.12	36	99	28.53	16.10	20	83
6/6	3	182TC	7.875	5.875	28.54	16.11	38	101	30.30	17.87	22	85
6/7	5	184TC	7.875	5.875	30.90	17.10	42	112	31.87	18.07	26	96
6/8	5	184TC	7.875	5.875	31.88	18.08	43	113	32.86	19.06	27	97
6/9	5	184TC	7.875	5.875	32.86	19.06	44	114	33.84	20.04	28	98
6/10	5	184TC	7.875	5.875	33.84	20.04	45	115	34.82	21.02	29	99
6/11	5	184TC	7.875	5.875	34.83	21.03	46	116	35.80	22.00	30	100
6/12	7.5	213TC	9.562	7.375	37.44	22.01	78	172	38.42	22.99	62	156
6/14	7.5	213TC	9.562	7.375	39.41	23.98	80	174	40.39	24.96	64	158
6/16	7.5	213TC	9.562	7.375	44.06	28.63	83	177	45.04	29.61	67	161
6/18	10	215TC	9.562	7.375	46.10	30.60	92	217	47.07	31.57	76	201



Dimensions	Connections	Specifications
	 	<p>Standard DPV(C/S)F</p> <p>Norm: ASME B16.1 Size: 2"</p> <p>Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304</p>
	 	<p>Option DPV(S) Non NSF Only</p> <p>Counter flange with female thread in cast stainless steel</p> <p>Norm: ASME B16.5 Size: NPT 1.5"</p> <p>Pressure Class: Class 150 Option: base plate in cast AISI 304</p>

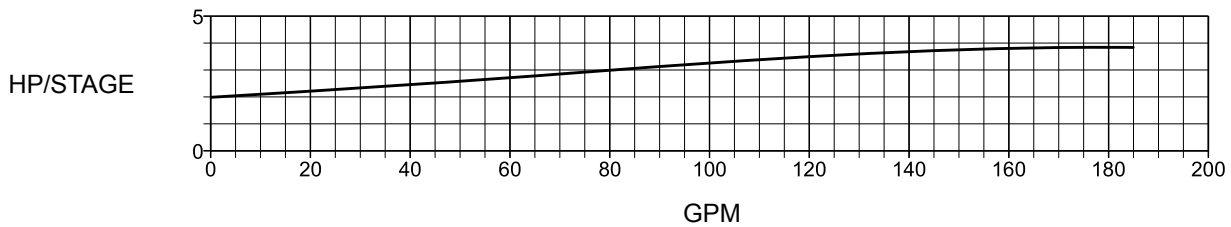
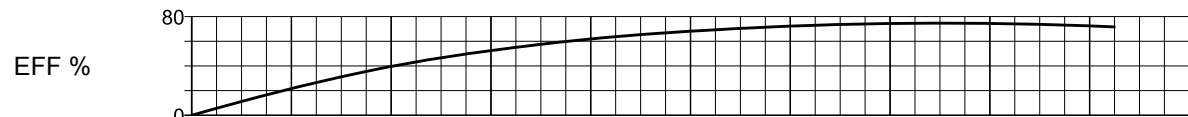
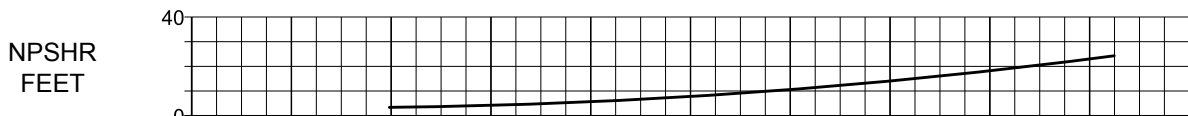
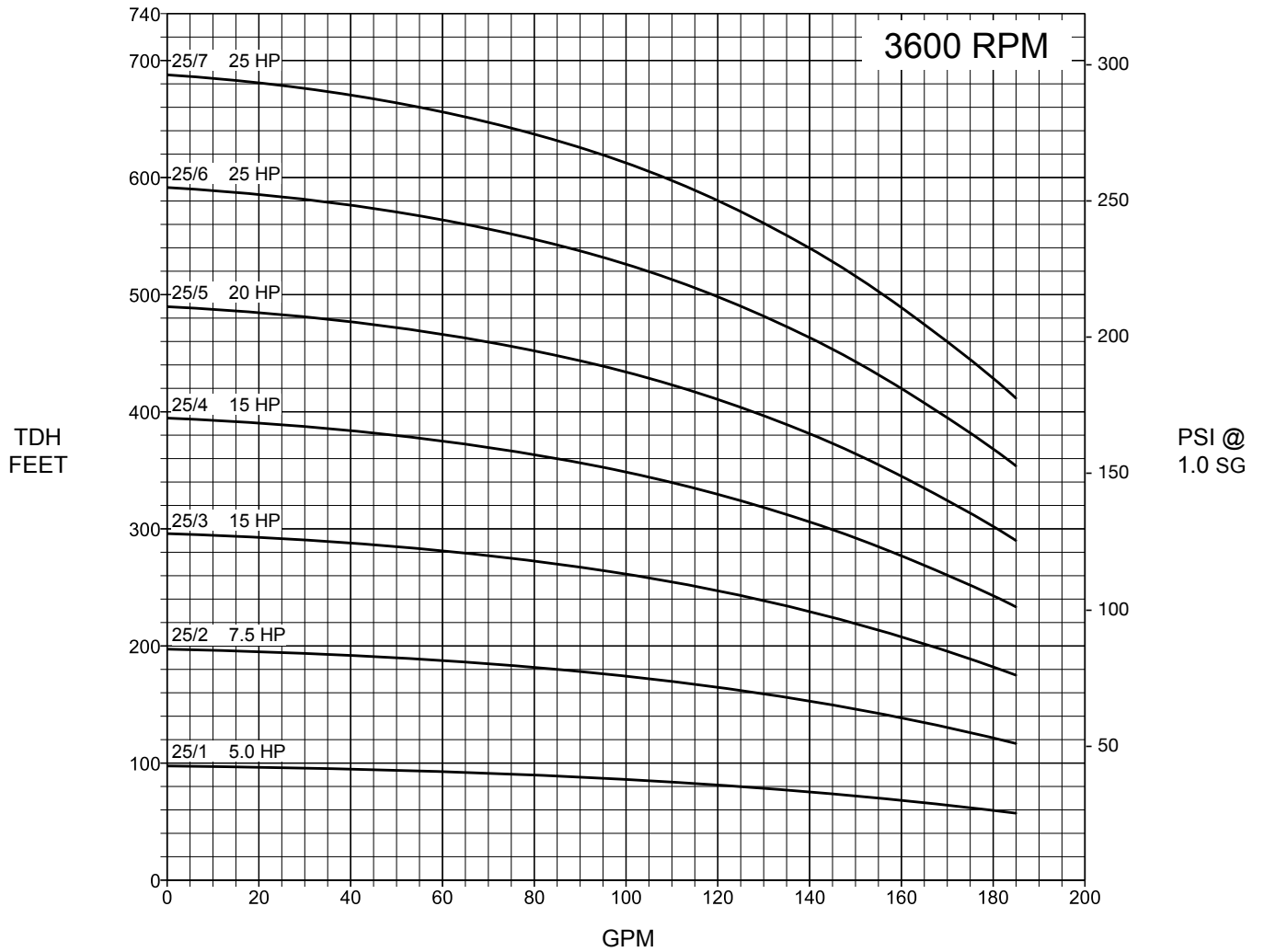
Dimensions and Weights												
Both Configurations				ANSI Flanges					Ovals			
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight	F1	F2	Pump Weight	Pump & Motor Weight
10/1	0.75	56C	6.625	5.000	22.83	13.54	56	75	22.83	13.54	41	60
10/2	1.5	143TC	6.625	5.250	23.70	13.54	57	95	23.70	13.54	42	80
10/3	3	182TC	7.875	5.875	30.30	15.45	65	137	30.30	15.45	50	122
10/4	5	184TC	7.875	5.875	28.93	16.50	67	130	28.93	16.50	52	115
10/5	5	184TC	7.875	5.875	31.34	17.54	69	139	31.34	17.54	54	124
10/6	5	184TC	7.875	5.875	32.38	18.58	71	141	32.38	18.58	56	126
10/7	7.5	213TC	9.562	7.375	35.06	19.63	102	196	35.06	19.63	87	181
10/8	7.5	213TC	9.562	7.375	36.10	20.67	107	201	36.10	20.67	92	186
10/9	7.5	213TC	9.562	7.375	37.14	21.71	110	204	37.14	21.71	95	189
10/10	10	215TC	9.562	7.375	40.93	25.43	116	241	40.93	25.43	101	226
10/11	10	215TC	9.562	7.375	41.98	26.48	118	243	41.98	26.48	103	228
10/13	10	215TC	9.562	7.375	44.06	28.56	148	273	44.06	28.56	133	258
10/15	15	215TC	9.562	7.375	48.03	30.65	152	312	48.03	30.65	137	297

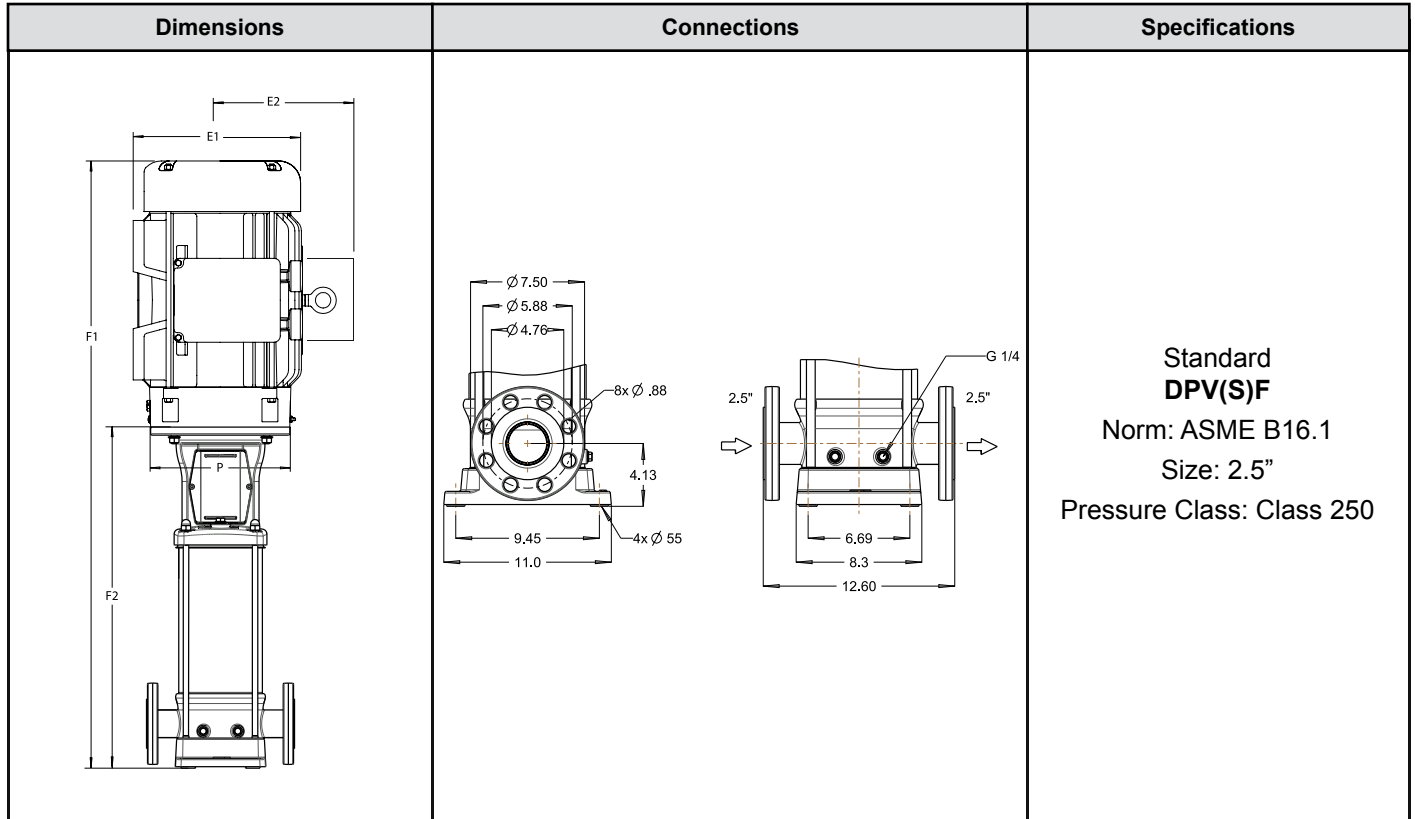


Dimensions	Connections	Specifications
	 	<p>Standard DPV(C/S)F</p> <p>Norm: ASME B16.1 Size: 2"</p> <p>Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304</p>
	 	<p>Option DPV(S) Non NSF Only</p> <p>Counter flange with female thread in cast stainless steel</p> <p>Norm: ASME B16.5 Size: NPT 2"</p> <p>Pressure Class: Class 150 Option: base plate in cast AISI 304</p>

Dimensions and Weights

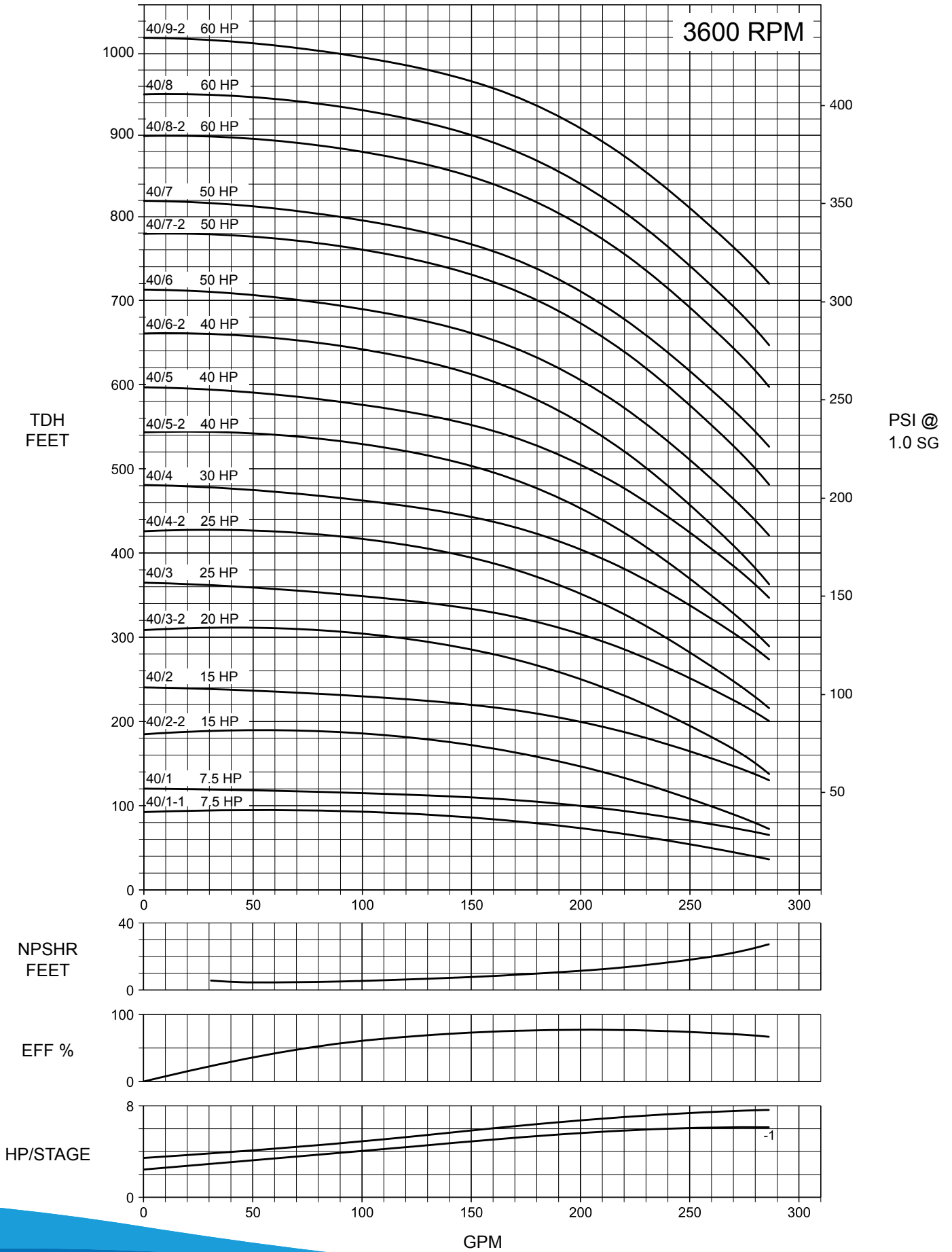
Both Configurations					ANSI Flanges				Ovals			
Model	HP	Frame Size	E1	E2		F2	Pump Weight	Pump & Motor Weight	F1	F2	Pump Weight	Pump & Motor Weight
15/1	2	143TC	6.625	5.250	24.10	13.94	60	101	23.70	13.54	43	84
15/2	5	184TC	7.875	5.875	28.60	14.80	67	137	28.21	14.41	49	119
15/3	7.5	213TC	9.562	7.375	31.28	15.85	98	192	30.88	15.45	81	175
15/4	7.5	213TC	9.562	7.375	35.00	19.57	104	198	34.60	19.17	86	180
15/5	10	215TC	9.562	7.375	36.11	20.61	106	231	35.72	20.22	89	214
15/6	15	215TC	9.562	7.375	37.15	21.65	130	255	36.76	21.26	113	238
15/7	15	215TC	9.562	7.375	40.08	22.70	132	292	39.68	22.30	115	275
15/8	15	215TC	9.562	7.375	41.75	24.37	138	298	41.36	23.98	120	280
15/9	20	256TC	12.937	9.625	42.79	25.41	141	377	45.34	25.02	124	360
15/10	20	256TC	12.937	9.625	46.78	26.46	143	379	46.38	26.06	126	362
15/11	20	256TC	12.937	9.625	47.82	27.50	156	392	47.43	27.11	138	374

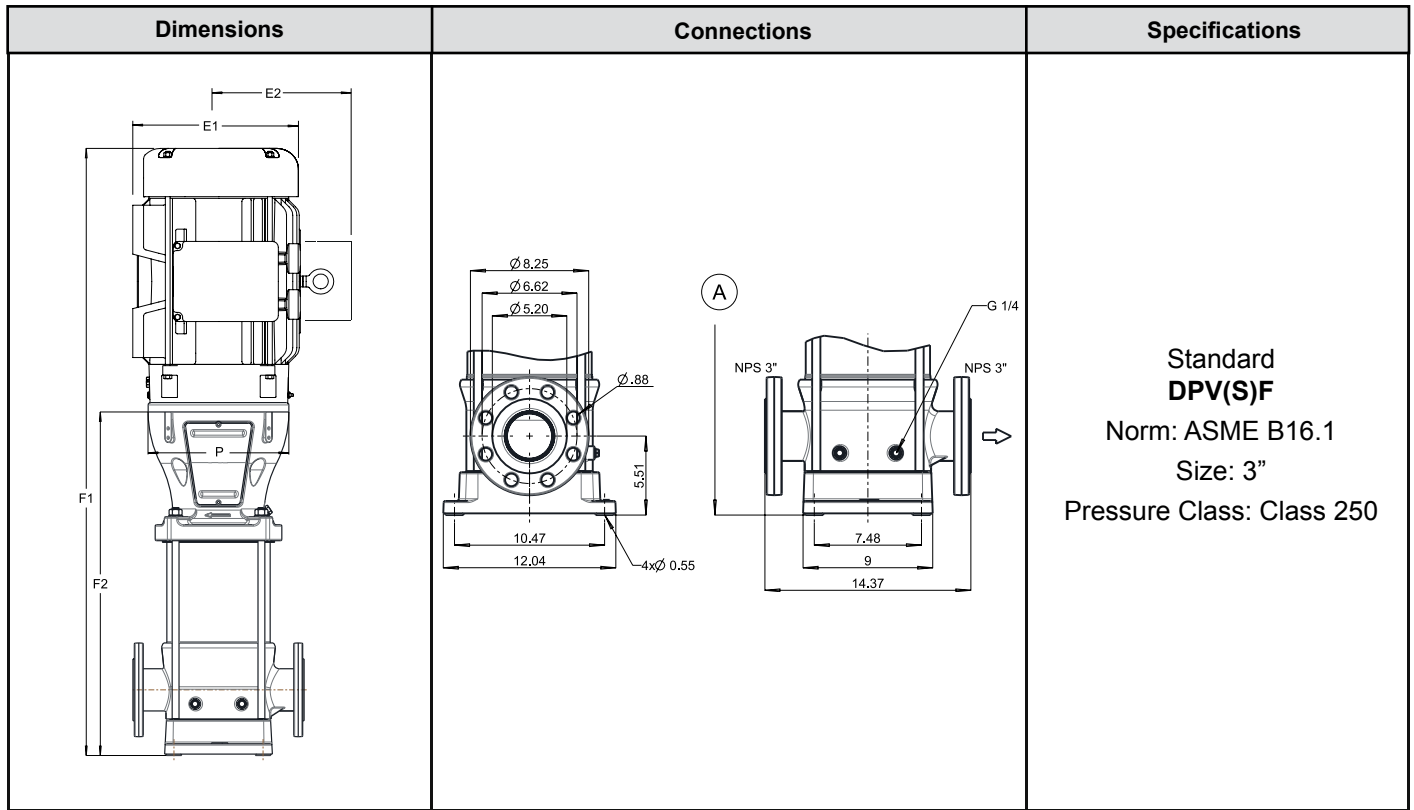




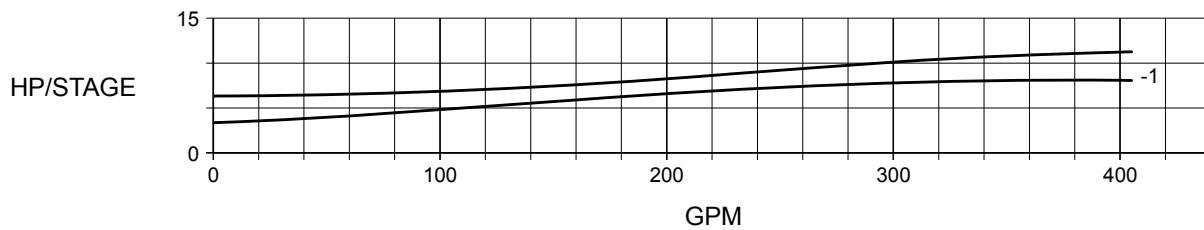
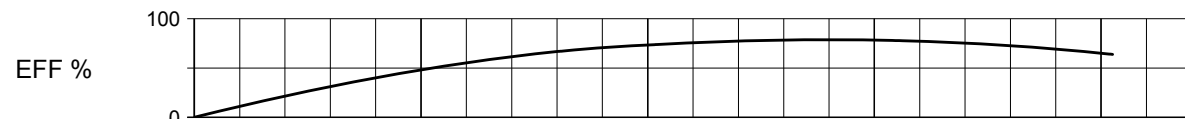
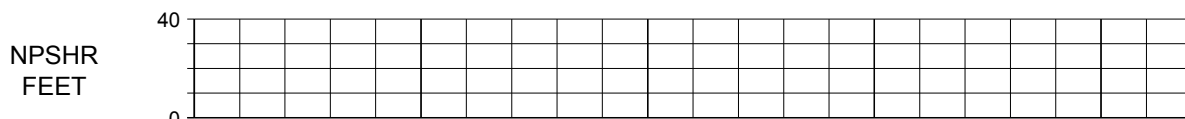
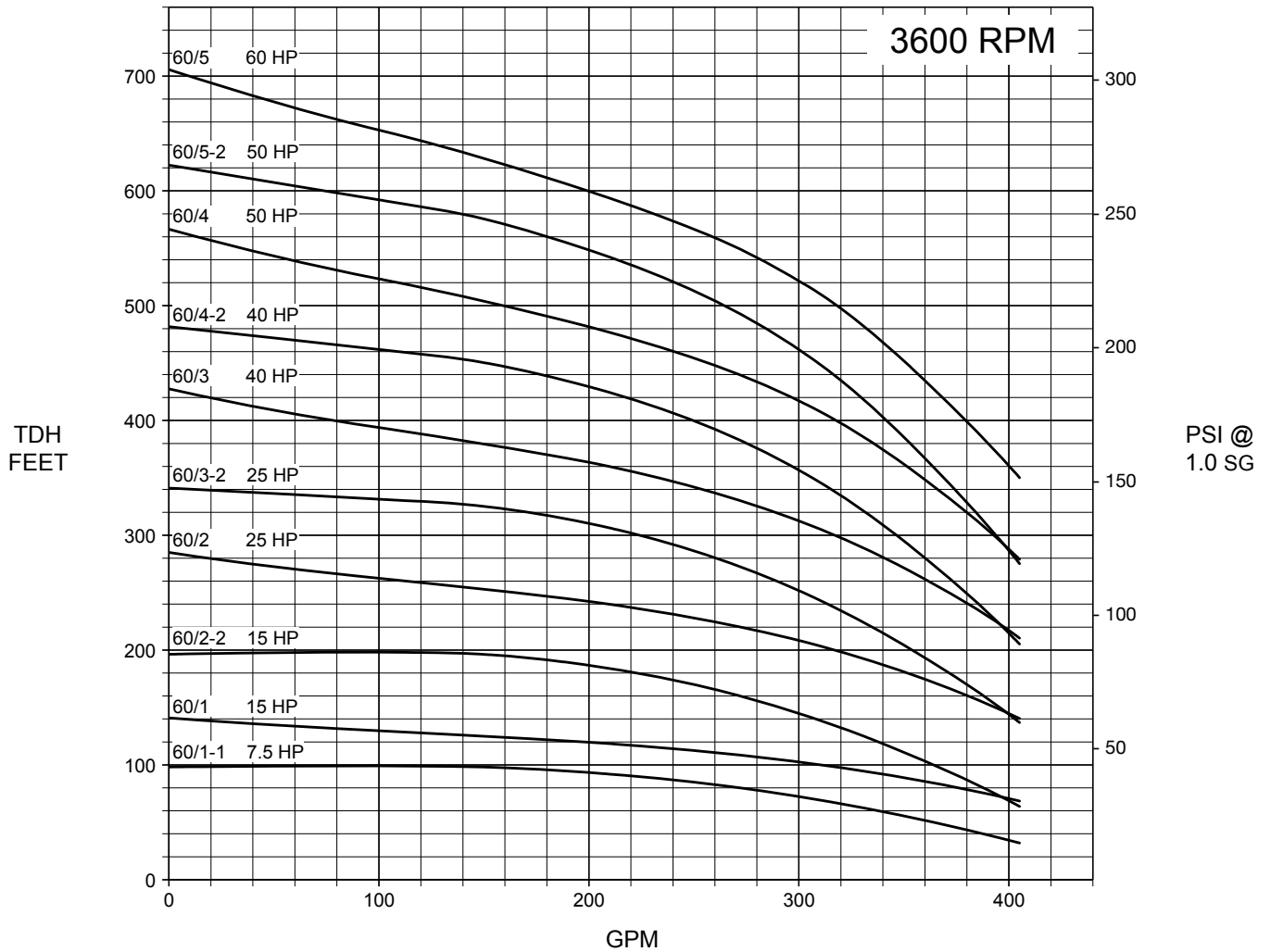
Dimensions and Weights								
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight
25/1	5	184TC	7.875	5.875	32.54	18.74	104	174
25/2	7.5	213TC	9.562	7.375	39.39	23.96	120	214
25/3	15	215TC	9.562	7.375	43.25	25.87	127	287
25/4	15	215TC	9.562	7.375	45.79	28.41	136	296
25/5	20	256TC	12.937	9.625	50.63	30.31	142	378
25/6	25	284TSC	14.625	13.125	51.80	31.48	149	459
25/7	25	284TSC	14.625	13.125	52.79	33.39	154	364

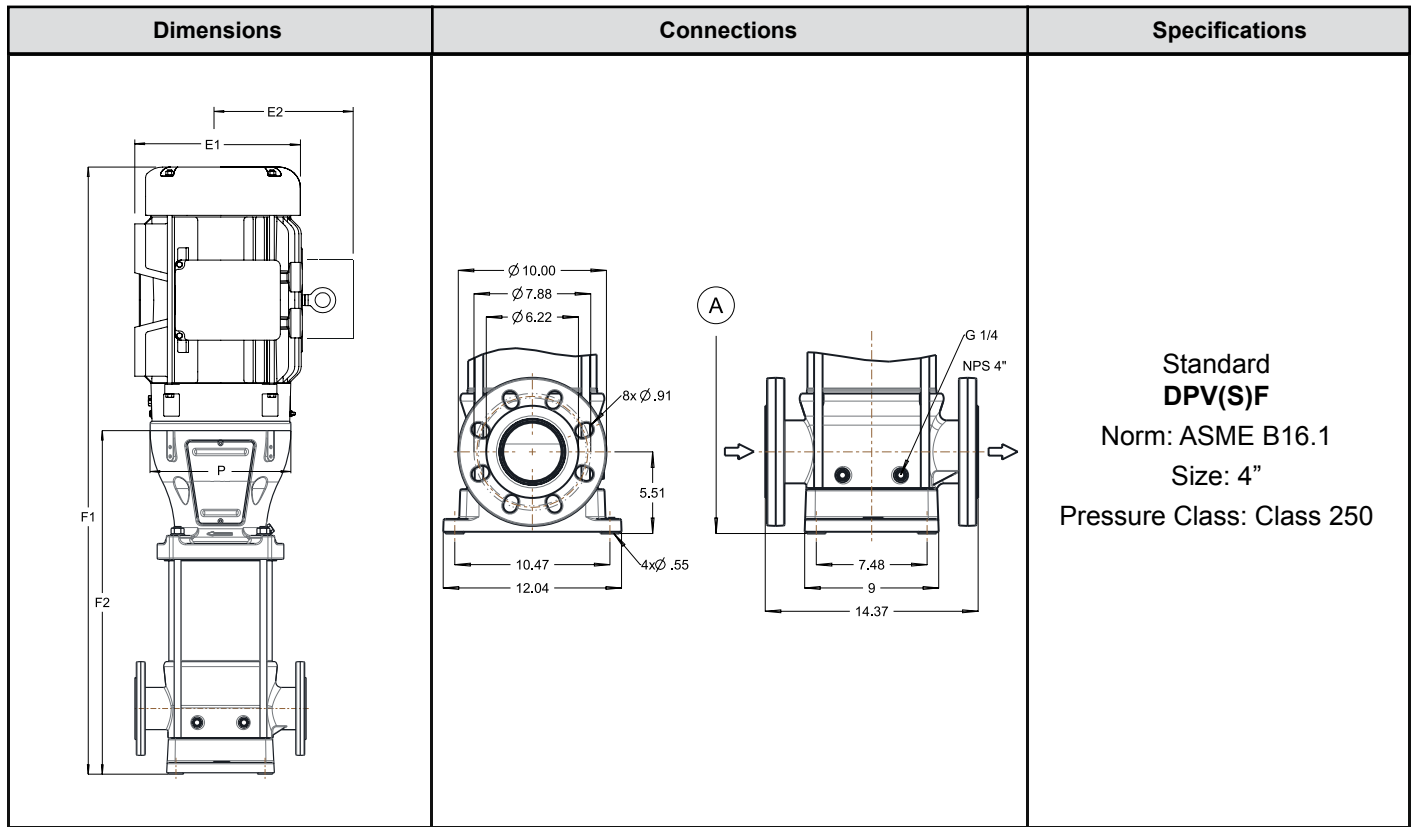
3600 RPM





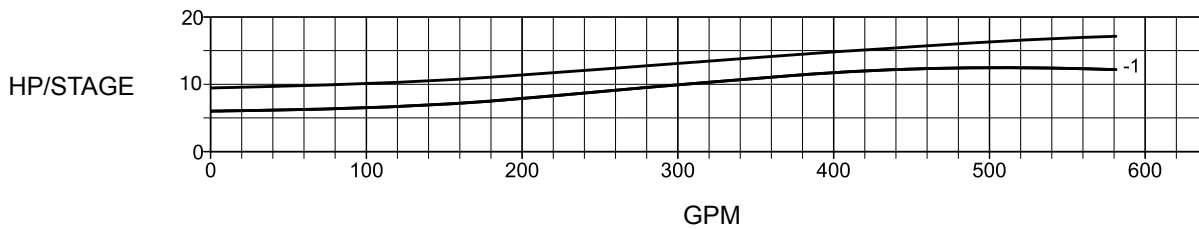
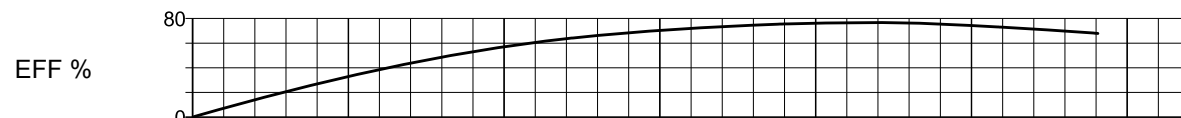
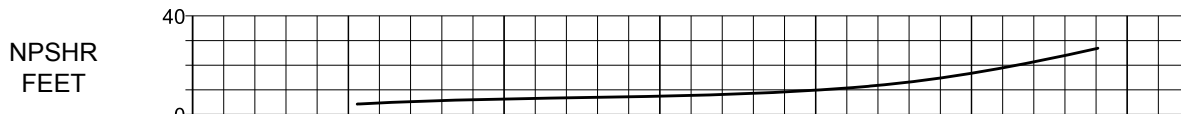
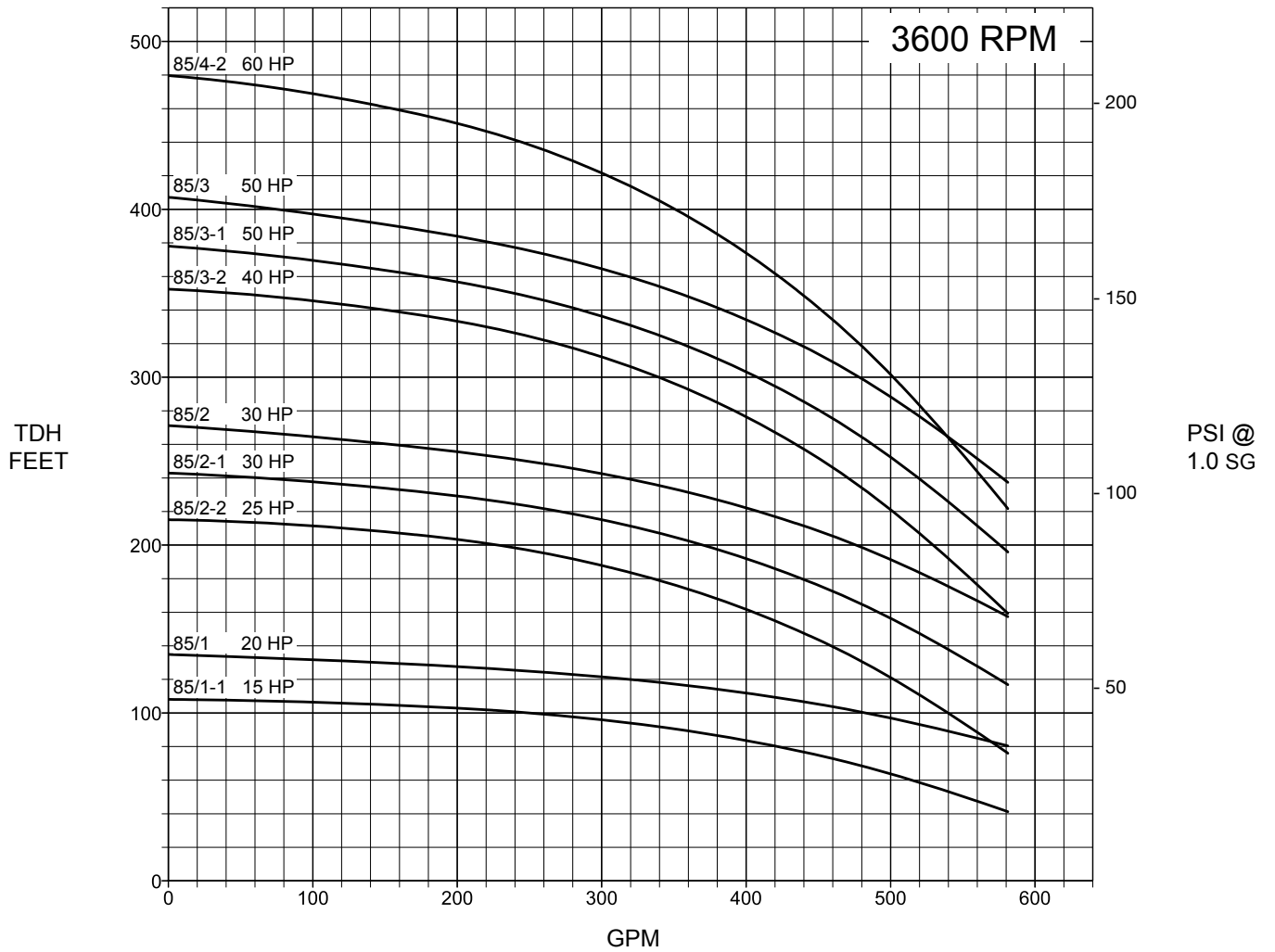
Dimensions and Weights								
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight
40/1-1	7.5	213TC	9.562	7.375	33.64	19.84	160	254
40/1	7.5	213TC	9.562	7.375	38.72	22.99	174	268
40/2-2	15	215TC	9.562	7.375	44.07	26.69	209	369
40-2	15	215TC	9.562	7.375	44.07	26.69	209	369
40/3-2	20	256TC	12.937	9.625	50.08	29.76	216	452
40-3	25	284TSC	14.625	13.125	48.38	28.98	217	527
40/4-2	25	284TSC	14.625	13.125	51.45	32.05	224	534
40-4	30	286TSC	14.625	13.125	51.45	32.05	259	556
40/5-2	40	324TSC	16.500	14.125	60.50	35.47	279	664
40-5	40	324TSC	16.500	14.125	60.50	35.47	279	664
40/6-2	40	324TSC	16.500	14.125	63.57	38.54	299	684
40-6	50	326TSC	16.500	14.125	63.57	38.54	299	874
40/7-2	50	326TSC	16.500	14.125	76.64	51.61	319	894
40-7	50	326TSC	16.500	14.125	76.64	51.61	319	894
40/8-2	60	364TSC	19.500	18.125	89.71	64.68	339	1169
40-8	60	364TSC	19.500	18.125	89.71	64.68	359	1189
40/9-2	60	364TSC	19.500	18.125	102.78	77.75	379	1209

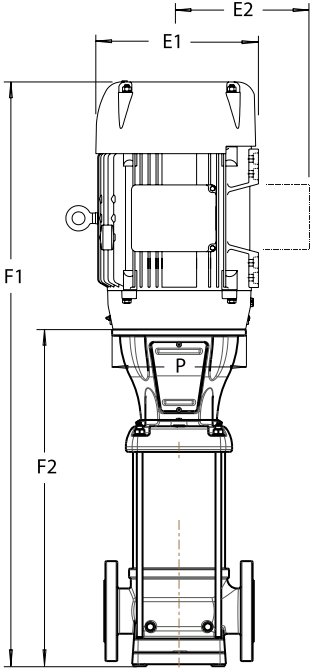
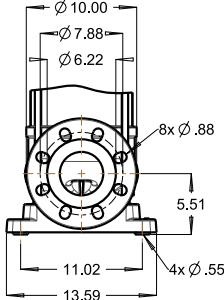
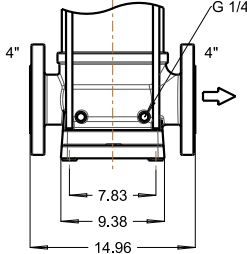




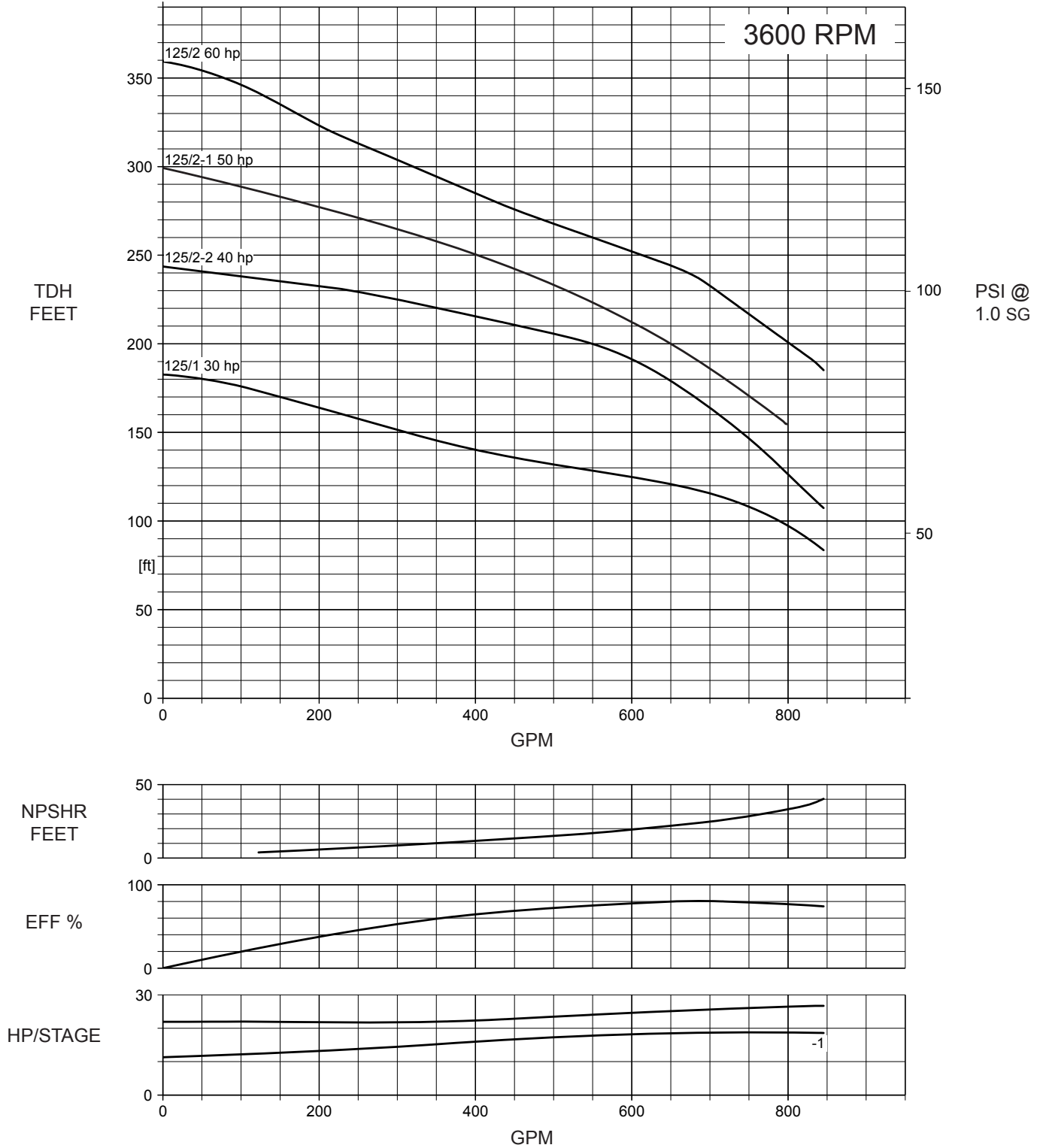
Dimensions and Weights								
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight
60/1-1	7.5	213TC	9.562	7.375	38.42	22.99	187	281
60/1	15	215TC	9.562	7.375	40.19	23.62	214	439
60/2-2	15	215TC	9.562	7.375	43.26	26.69	221	446
60/2	25	284TSC	14.625	13.125	45.31	25.91	215	525
60/3-2	25	284TSC	14.625	13.125	48.38	28.98	229	539
60/3	40	324TSC	16.500	14.125	54.36	29.33	269	654
60/4-2	40	324TSC	16.500	14.125	57.43	32.40	276	661
60/4	50	326TSC	16.500	14.125	57.43	32.40	276	851
60/5-2	50	326TSC	16.500	14.125	60.50	35.47	302	877
60/5	60	364TSC	19.500	18.125	60.50	35.47	302	1198

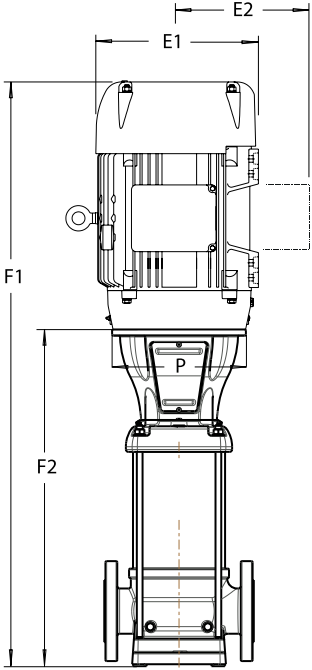
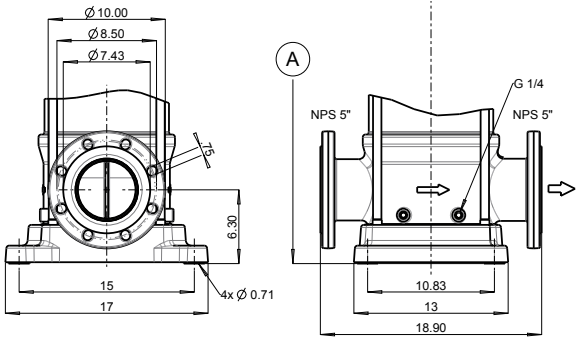
3600 RPM



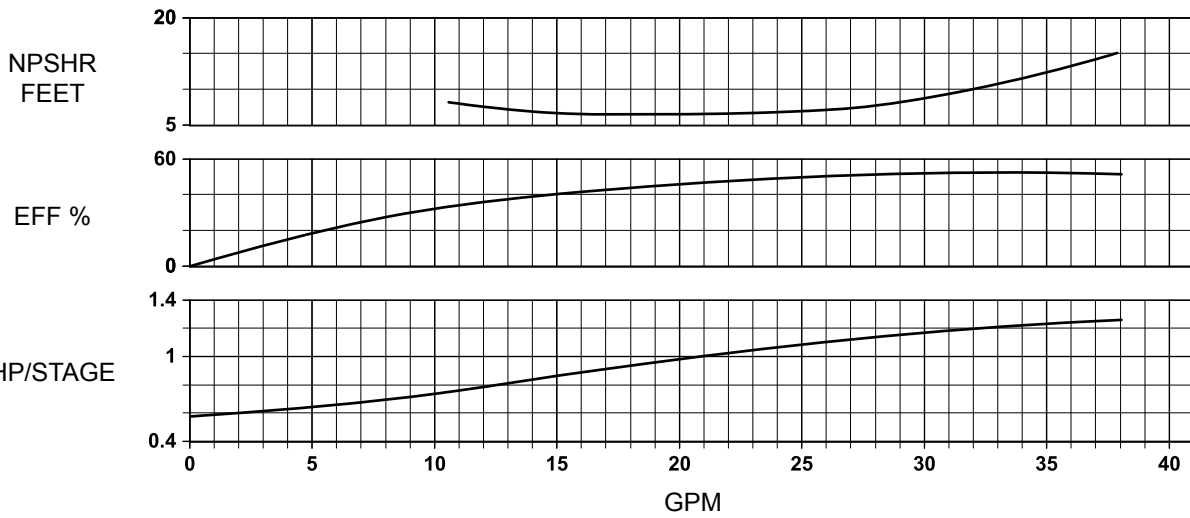
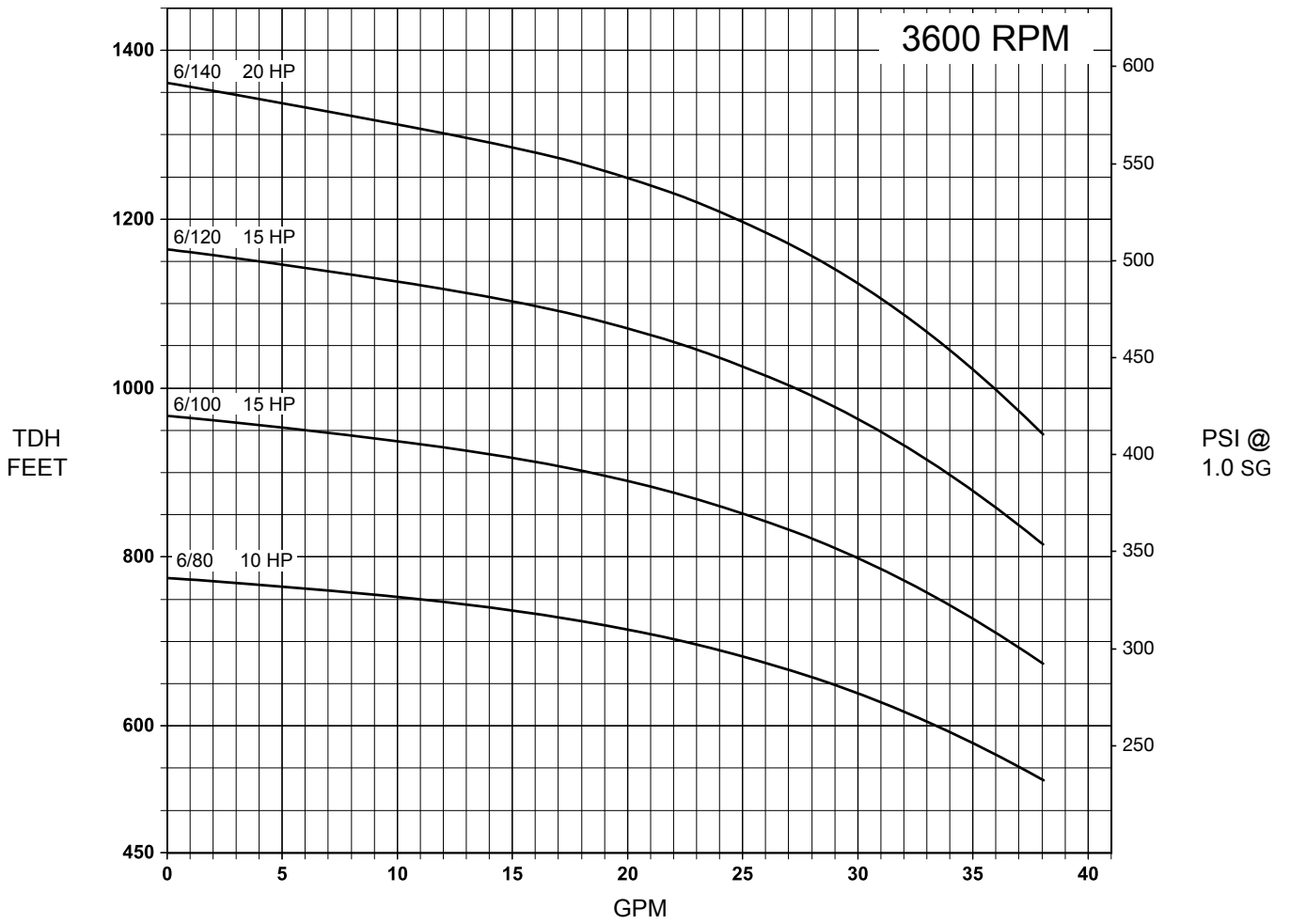
Dimensions	Connections	Specifications
	 	<p style="text-align: center;"> Standard DPV(C/S)F Norm: ASME B16.5 Size: 4" Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304 </p>

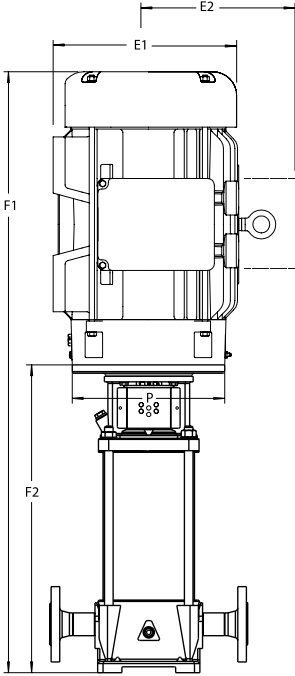
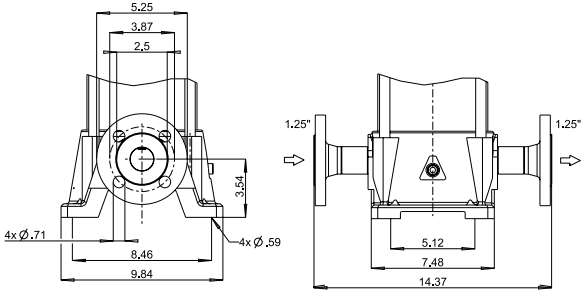
Dimensions and Weights								
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight
85/1-1	15	215TC	9.562	7.375	42.38	25.00	229	389
85/1	20	256TC	12.937	9.625	46.45	26.13	234	470
85/2-2	25	284TSC	14.625	13.125	49.07	29.67	263	560
85/2-1	30	286TSC	14.625	13.125	49.07	29.67	264	574
85/2	30	286TSC	14.625	13.125	49.35	29.95	303	613
85/3-2	40	324TSC	16.500	14.125	59.27	34.24	325	710
85/3-1	50	326TSC	16.500	14.125	59.27	34.24	326	901
85/3	50	326TSC	16.500	14.125	59.27	34.24	378	953
85/4-2	60	364TSC	19.500	18.125	63.56	38.53	399	1295



Dimensions	Connections	Specifications
		<p style="text-align: center;"> Standard DPV(C/S)F Norm: ASME B16.1 Size: 5" Pressure Class: Class 250 Option: for DPV(S)F collar flange and/or base plate in AISI 304 </p>

Dimensions and Weights								
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight
125/1	30	286TSC	14.625	13.125	51.97	29.13	381	691
125/2-2	40	324TSC	16.500	14.125	60.51	34.13	406	791
125/2-1	50	326TSC	16.500	14.125	60.51	34.13	407	982
125/2	60	364TSC	19.500	18.125	62.09	34.13	408	1304



Dimensions	Connections	Specifications
		<p style="text-align: center;"> Standard Non NSF Only Norm: ASME B16.1 Size: 1.25" Pressure Class: Class 600 </p>

Dimensions and Weights								
Model	HP	Frame Size	E1	E2	F1	F2	Pump Weight	Pump & Motor Weight
6-80	10	215TC	9.562	7.375	36.75	21.50	109	231
6-100	15	215TC	9.562	7.375	39.18	22.68	122	262
6-120	15	215TC	9.562	7.375	40.36	23.86	135	275
6-140	20	256TC	12.937	9.625	42.17	25.67	153	373

DP Select: Pump Selection Program

Download and install the Selector Program from dppumps-usa.com. The Selector Program is available for a PC, any Apple device and any Android device. After launching, select the **My profile** tab to update the **language and units to US dimensions**. You can add your company's name and address by clicking on **Edit profile**.

dp pumps

The screenshot shows the 'My profile' tab of the DP Select application. It is divided into two main sections: 'Setting preferences' and 'Dealer information'.
Setting preferences: Includes dropdown menus for Language (English), Pressure units (ft), and Flow units (USGPM). It also has radio buttons for Mains frequency (50 Hz and 60 Hz, with 60 Hz selected). Below these are fields for NPSH unit (ft) and Power unit (hp).
Dealer information: A form with fields for Customer number (1), Company name (DP Pumps), Address (PO Box 28, 2400AAAlphen a/d Rijn, The Netherlands), City, and Country (NL).
 At the bottom, there are buttons for 'Update', 'Edit profile' (with a green arrow pointing to it), 'Restore default', and 'Save profile'. A contact number and email address are also visible at the top right of the interface.

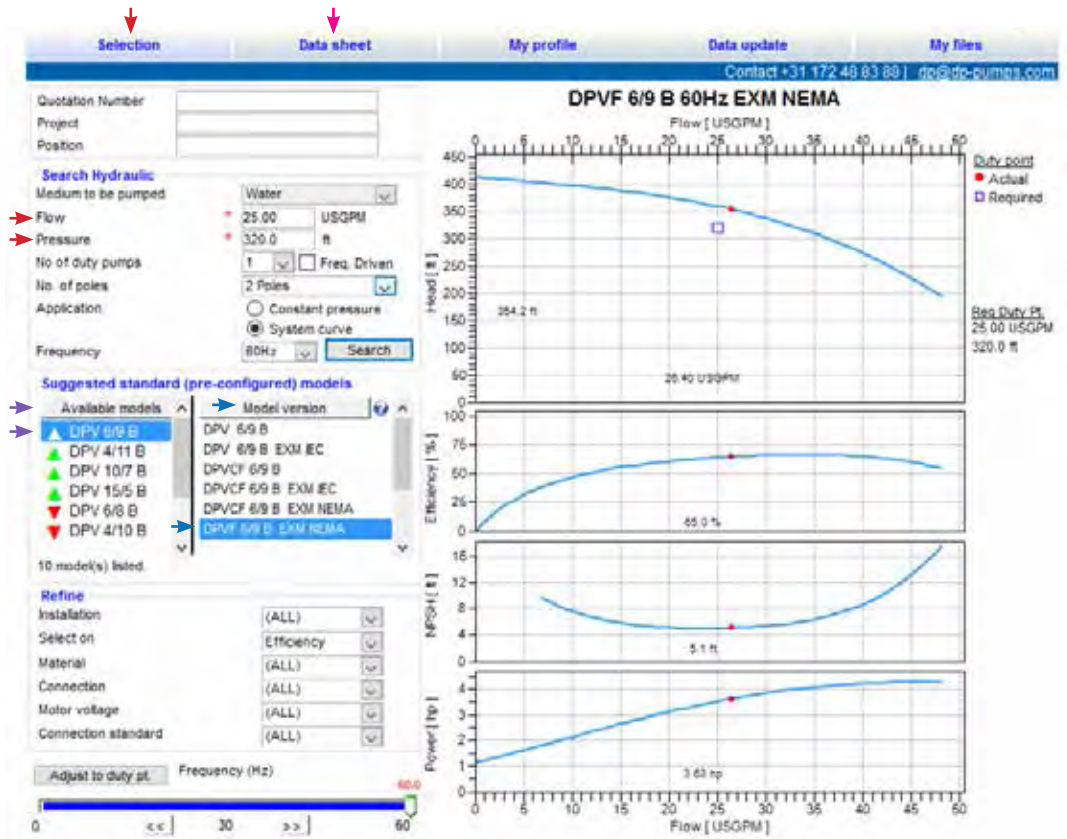


Download for PC



Selection from Duty Point

To select a pump from a Duty Point, click the **Selection** tab and choose hydraulic from the options. Fill in the **Flow** and **Pressure** desired and click search. A list of sizes will appear under **Available models**. The green arrows are more efficient selections and the red arrows are less. Choose a **size** and different models will appear under **Model version**. The standard pump in the USA are the DPVF models with **EXM NEMA** in the description. Click the **Data sheet** tab to view and print the curves, drawing and data sheet.



Crossover from a Competitor

To make a selection to cross over from a competitor size, click on the **Selection** and choose Comparison.

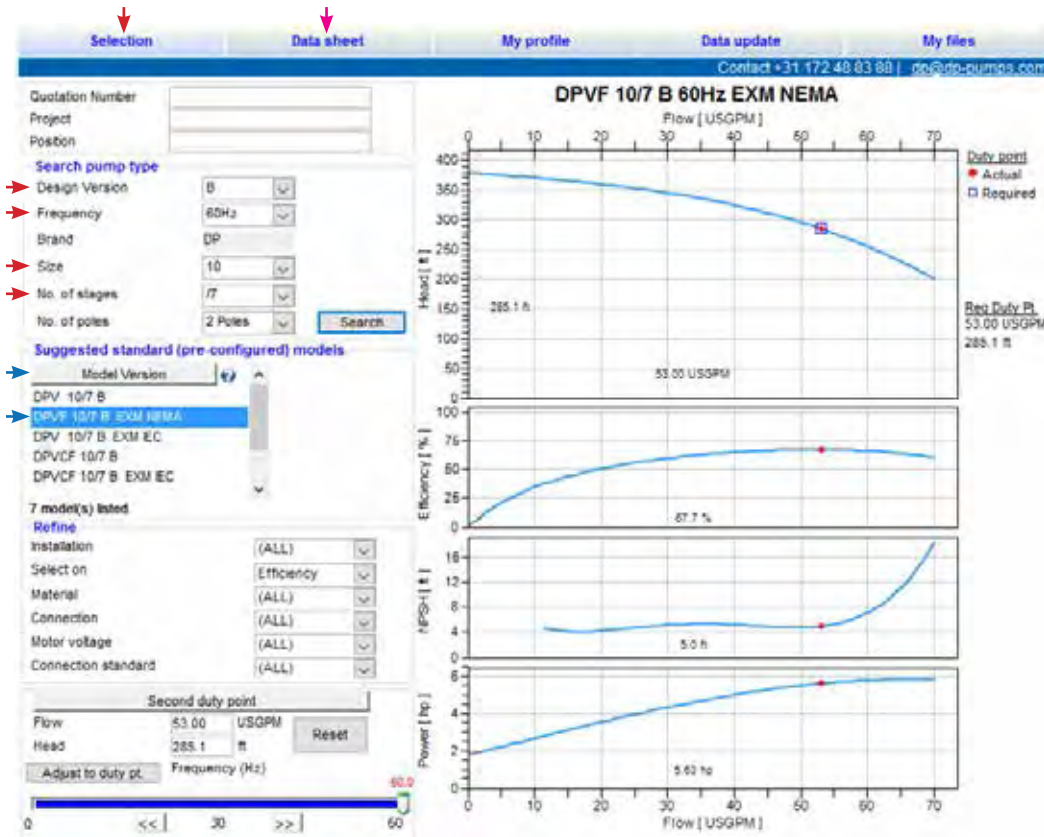
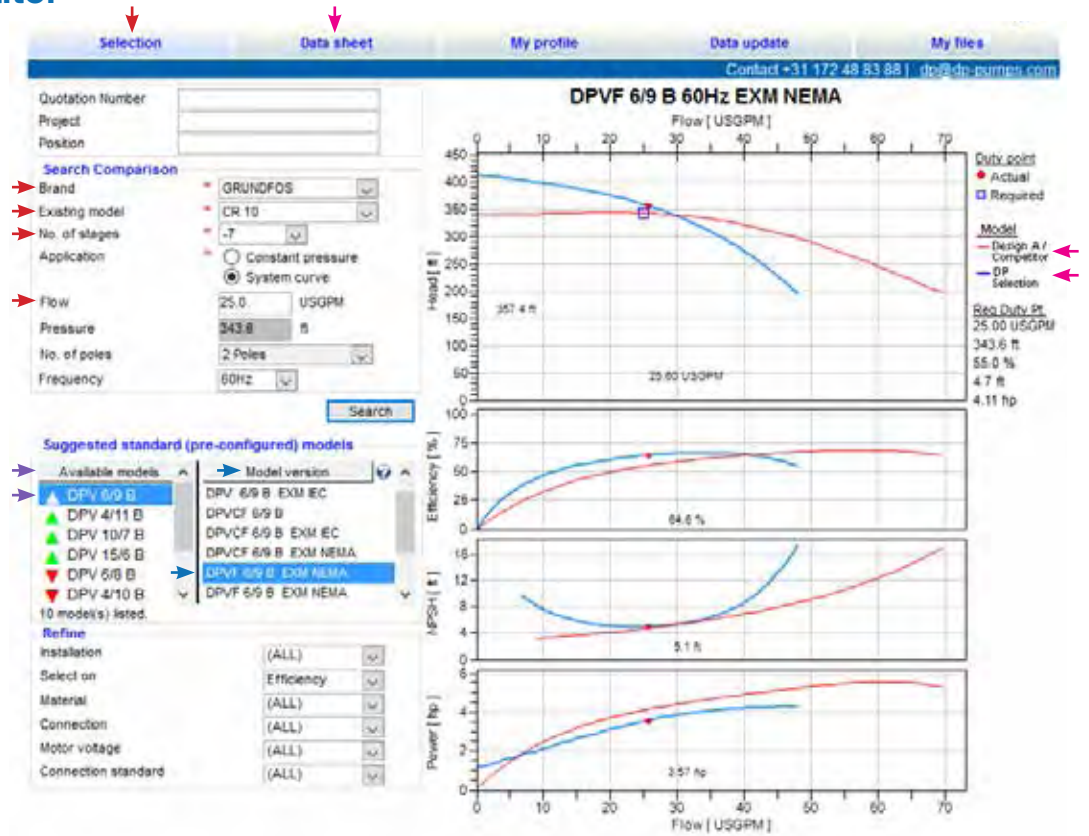
Select the **Brand** of your competitor and then choose the **Existing model** and **Number of stages**.

Put in the nominal **Flow** that you would want to base the DP selection on the click search. Click on the **size** you want to evaluate under **Available models**. A list of models will show up under **Model version**. The standard pump for the USA is the DPVF with **EXM NEMA** in the description.

Select a **model** and click on the **Data sheet** tab to print curves and data sheets.

The competitors performance curve will be in red and the DP curve will be in the blue.

This is only a comparison of the performance. You will still have to evaluate the dimensions and construction options to ensure a drop in replacement.



Pump Type

To select a DP pump directly by type, click the **Selection** tab and choose pump type. Select the **Design Version**. B is the current generation and A is the previous. Select the **Frequency, Size and Number of stages** and click search.

A list of models will show up under the **Model Version**. The standard pumps in the USA are the DPVF pumps with **EXM NEMA** in the description.

Select a **model** and click on the **Data sheet** tab to view and print the curve, dimensions and data sheet.

GPM for Reliable Service

Global Pump Marketing (GPM) is the exclusive North American outlet for DP Pumps, manufactured in The Netherlands. Working closely together, GPM and DP have developed a structure in which we have no customers, but rather partners who share in molding our support system, product design, specific product requirements, marketing and technical tools. GPM has leveraged its personnel who have over 125 years of pump experience to create the best environment for selling and supporting the DP product.

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dppumps-usa.com



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